PCM PERSONALL AIR SAMPLING ANALYTICAL RESULTS JAN 9-JULY 27, 1997



609-858-4800

Piscataway NJ 908-981-0550

Carle Place, NY Manhattan, NY 516-997 7251

212-290-0052

Seattle, WA 203-233-9007 Ann Arbor MI 313-668-6810

San Mateo, CA 415-570-5401

8myrna, GA 404-333-6066 Greensboro, NC 910-297 1487

Houston, TX 713-686-3635



**Ecology & Environment, Inc** 11550 Newcastle Ave #250 Baton Rouge LA 70816

Thursday, January 09, 1997

Ref Number TX9750

### PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #3, 5/89

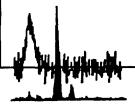
### Project 768209 WESTBANK ASBESTOS REMOVAL PROJECT

| Sample | Location   | Sample Date | Volume<br>(liters) | Fibers | Fields | L O D<br>fib/cc | fibers/<br>mm² | fibers/cc           |
|--------|------------|-------------|--------------------|--------|--------|-----------------|----------------|---------------------|
| 217    | SITE #399  | 1/6/97      | 980 00             | 2 5    | 100    | 0 0027          | 3 18           | <lod< td=""></lod<> |
| 218    | VSITE #399 | 1/6/97      | 980 00             | 10     | 100    | 0 0027          | 1 27           | <lod< td=""></lod<> |
| 219    | BLANK      | 1/6/97      | 0 00               | 0 0    | 100    |                 | 0              |                     |

BLANK ID 219

Steven Duhon **Analyst** 

Approved Signatory



LOD = Limit of Detection The method assumes the lowest detection concentration is 10 fibers/100 fields and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non-reliable. The laboratory is only responsible for fibers counted in fibers/mm² and not in fibers/cc which is dependent on volume collected by non laboratory personnel. Analysis performed by EMSL of Houston

**ENVIRONMENTAL PROTECTION AGENCY REGION 6 OFFICIAL** Region 6 1445 Ross Avenue Suite 1200 TX 9750 **CHAIN OF CUSTODY RECORD** Dallas Texas 75202-2733 **PROJECT NAME** PROJ NO WESTBANK ASBESTOS REMOKEL PROTECT 768209 NO 4 SAMPLERS (Signature) OF REMARKS CON **TAINERS** STATION LOCATION DATE TIME STA NO 2 t 980 082O Pedro Sauceda Site #399 1-6-97 1530 217 24 980 6800 1530 JUAN CHAVEZ Sire #399 218 1-6-97 1697 BLANK 219 Received by (Signature) 1-8 97 Relinquished by (Signature) Date / Time Date / Time Received by (Signature) Relinquished by (Signature) Reluquished by (Signature) Date / Time Relinquished by (Signature) Date / Time 1-6-96 1700 01-02-97 0215 Received for Laboratory by Date / Time Date / Time Remarks Relinquished by (Signature) (Signature) Airbill Numbe Shipped by Distribution White Accompanies Shipment Pink to Coordinator Field Files Green to Report Yellow Returns with Warrant

Westmont, NJ 609-858-4800

908-981-0550

516-997 7251

Piscataway NJ Carle Place, NY Manhattan, NY 212-290-0052

Seattle, WA 203-233-9007 Ann Arbor MI 313-668-6810

San Mateo, CA 415-570-5401

Smyrna, GA 404-333-6068 Greensboro NC 910-297 1487

Houston, TX 713-686-3635



**Ecology & Environment, Inc** 11550 Newcastle Ave #250 Baton Rouge LA 70816

Thursday, January 09, 1997

Ref Number TX9749

## PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #3, 5/89

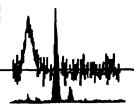
### Project 768209 WESTBANK ASBESTOS REMOVAL PROJECT

| Sample | Location    | Sample Date | Volume<br>(luters) | Fibers | Fields | L.O D<br>fib/cc | fibers/<br>mm² | fibers/cc           |
|--------|-------------|-------------|--------------------|--------|--------|-----------------|----------------|---------------------|
| 220    | → SITE #274 | 1/7/97      | 864 00             | 10     | 100    | 0 0031          | 1 27           | <lod< td=""></lod<> |
| 221    | SITE #274   | 1/7/97      | 864 00             | 0 0    | 100    | 0 0031          | 0              | <lod< td=""></lod<> |
| 222    | BLANK       | 1/7/97      | 0 00               | 0 0    | 100    |                 | 0              |                     |

BLANK ID 222

Steven Duhon **Analyst** 

Approved Signatory



LOD = Limit of Detection The method assumes the lowest detection concentration is 10 fibers/100 fields and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non reliable. The laboratory is only responsible for fibers counted in fibers/mm, and not in fibers/cc which is dependent on volume collected by non laboratory personnel Analysis performed by EMSL of Houston

2

Westmont, NJ 609-853-4860

Piscataway NJ Carle Place, NY 908 981-0550

516-997 7251

Manhattan, NY 212-290-0052

Seattle, WA 203 233 9007

Ann Arbor MI 313-668-6810

San Mateo, CA 415-570-5401

Smyrna, GA 404-333-6066 Greensboro, NC 910-297 1487

Houston, TX 713-686-3635

**Ecology & Environment, Inc** 11550 Newcastle Ave #250 Baton Rouge LA 70816

Wednesday, January 15, 1997

Ref Number TX9797

### PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #3, 5/89

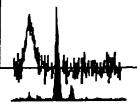
### Project WESTBANK ASBESTOS REMOVAL PROJECT

| Sample | Location   | Sample Date | Volume<br>(liters) | Fibers | Fields | L.O D<br>fib/cc | fibers/<br>mm² | fibers/cc           |
|--------|------------|-------------|--------------------|--------|--------|-----------------|----------------|---------------------|
| 223    | SITE # 274 | 1/8/97      | 1152 00            | 10 0   | 100    | 0 0023          | 12 74          | 0 0043              |
| 224    | SITE # 274 | 1/8/97      | 1152 00            | 40     | 100    | 0 0023          | 5 1            | <lod< td=""></lod<> |
| 225    | BLANK      | 1/8/97      | 0 00               | 0 0    | 100    |                 | 0              |                     |

**BLANK ID 225** 

Steven Duhon **Analyst** 

Approved Signatory



LOD = Limit of Detection The method assumes the lowest detection concentration is 10 fibers/100 fields and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non-reliable. The laboratory is only responsible for fibers counted in fibers/rmm and not in fibers/counted. which is dependent on volume collected by non laboratory personnel Analysis performed by EMSL of Houston

OFFICIAL
CHAIN OF CUSTODY RECORD

REGION 6 \ 1445 Ross Avenue Sui e 1200 Dallas Texas 75202-2733

| PROJ I     | NO F        | ROJEC     | TNA    | ME       |             |            |                                    |                |       |           |                  | 7         | 7         | 7 /   | 77     | 7        |                         |
|------------|-------------|-----------|--------|----------|-------------|------------|------------------------------------|----------------|-------|-----------|------------------|-----------|-----------|-------|--------|----------|-------------------------|
| 76820      | 1           |           |        |          | istos Rei   | nowl       | Preject                            | NO             |       |           |                  |           | ' /       |       | ///    | /        |                         |
| SAMPLER    | S (Signa    | ture)     | _      |          |             |            |                                    | ]              |       | /         | 0,\              | //        | / /       | / /   | ' / /  |          | ,                       |
| Don        | ~ <b>1</b>  |           | to     | A        | _           |            |                                    | OF             | l     |           |                  | £.        | <i>19</i> |       |        |          |                         |
| Non        | <u>alas</u> |           | 0 🗪    | <u> </u> | <del></del> |            |                                    | CON            |       |           | $\lambda \delta$ | <i>y</i>  | SY ,      | / /   | / /    |          | REMARKS                 |
| STA NO     | DATE        | TIME      | COMP   | GRAB     |             | STATIO     | N LOCATION                         | TAINERS        |       | 3.67      | Z CONT           | A A       | ine/      |       |        |          |                         |
| 223        | 1-8-76      | 1600      |        | 1        | Si          | re # 2     | 74                                 |                | /     | あれずら      | 1152             |           |           |       | Pedro  | SAUCE    | da                      |
| 224        | 1-8-96      | 0800      |        | _        | S.          | Te #       | 274                                | 1              | /     | 2.4       | 1157             |           |           |       | JUAN   | Chaux    | 2 <del>7</del>          |
| 225        | 1-8-96      | ŧ .       |        | /        | l .         | ANK        |                                    | 1              | /     | 1         |                  |           |           |       |        |          |                         |
|            |             |           |        |          |             |            |                                    |                |       |           |                  |           |           |       |        |          |                         |
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| <u> </u>   |             |           |        |          |             |            |                                    |                |       |           |                  |           |           |       |        |          |                         |
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|            |             |           |        |          |             |            |                                    |                |       |           |                  |           |           |       |        |          |                         |
|            |             |           |        |          |             |            |                                    |                |       |           |                  |           |           |       |        |          |                         |
|            |             |           |        |          |             |            |                                    |                |       |           |                  |           |           |       |        |          |                         |
|            |             |           |        |          |             |            |                                    |                |       |           |                  |           |           |       |        |          |                         |
|            |             |           |        |          |             |            |                                    |                |       |           |                  |           |           |       |        |          |                         |
|            |             |           |        |          |             |            |                                    |                |       |           |                  |           |           |       |        |          |                         |
|            |             |           |        |          |             |            |                                    |                |       |           |                  |           |           |       |        |          |                         |
|            |             |           |        |          |             |            |                                    |                |       |           |                  |           |           |       |        |          |                         |
| Relinquist | ned by (    | Signature | ,      |          |             | /Time      | Received by (Signature             | ,              | Reli  | nquish    | ned by           | y (Si     | gnature   | ; j   |        | 7 Time   | Received by (Signature) |
| DOM        | NO D        | o Leph    |        |          |             |            |                                    | my             |       | (         |                  | kn        | gnature   |       | 1-9-9- |          | Received by (Signature) |
| Relinquist | nea by /    | Signature | ,      |          | Date        | /Time      | Received by (Signature             | ,              | Reili | nquisr    | nearby           | y (Si     | gnature   | ·)    | Date   | e / Time | Received by (Signature) |
| Relinquish | ned by /    | Signature | ,      |          | Date        | /Time      | Received for Laborator (Signature) | Ty by Lon      | 1-1   | Date 4 -4 | e /Tir           | me<br>63: |           | emark | s      | <b>-</b> |                         |
| Shipped b  | у           |           |        |          |             |            | Airbill Number                     |                |       |           |                  |           |           |       |        |          |                         |
|            |             | Dist      | ributi |          |             |            | hipment Pink to Coordin            | ator Field Fil | es    |           |                  |           |           |       |        |          |                         |
|            |             |           |        | G        | reen to Re  | port Yello | w Returns with Warrant             |                |       |           |                  |           |           |       |        |          |                         |

. We: tmont, NJ 609-858-4800

Piscataway NJ 908-981-0550 Carle Place, NY 516 997 7251 Manhattan, NY 212-290-0052 Seattle, WA 203-233 9007

Ann Arbor MI 313-668-6810 San Mateo, CA 415-570-5401 Smyrna, GA 404-333-6066 Greensboro NC 910-297 1487 Houston, TX 713-686-3635

EMSL

Ecology & Environment, Inc 11550 Newcastle Ave #250 Baton Rouge LA 70816 Wednesday, January 15, 1997

Ref Number TX9796

# PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #3, 5/89

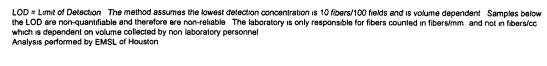
### Project WESTBANK ASBESTOS REMOVAL

| Sample | Location   | Sample Date | Volume<br>(luters) | Fibers | Fields | L O D<br>fib/cc | fibers/<br>mm² | fibers/cc |
|--------|------------|-------------|--------------------|--------|--------|-----------------|----------------|-----------|
| 226    | SITE # 089 | 1/9/97      | 1152 00            | 37 5   | 100    | 0 0023          | 47 77          | 0 0160    |
| 227    | SITE # 089 | 1/9/97      | 1152 00            | 24 5   | 100    | 0 0023          | 31 21          | 0 0104    |
| 228    | BLANK      | 1/9/97      | 0 00               | 0 0    | 100    |                 | 0              |           |

BLANK ID 228

Steven Duhon Analyst Approved Signatory

1



ENVIRONMENTAL PROTECTION AGENCY
Region 6

OFFICIAL
CHAIN OF CUSTODY RECORD

REGION 6 \
1445 Ross Avenue Suite 1200
Dallas Texas 75202-2733

|              |               |                   |          |           |            |           |                         | . 0. 000   |          |  |          | <del></del> | -,          |  | <del>, ,</del> | ~           | Dallas Texas 73202-2733 |
|--------------|---------------|-------------------|----------|-----------|------------|-----------|-------------------------|--|----------|--|----------|-------------|-------------|--|----------------|-------------|-------------------------|
| PROJ<br>PROJ | 1             | PROJEC<br>West Bi | T NA     | ME<br>Asb | estos Ren  | Local P   | Jeci                    | NO   |          |  | /-       |             | /           | //   |                | /           |                         |
| SAMPLER      | RS (Sign      | ature)            |          | ·         |            |           |                         | OF<br>CON  | 1        | /,   |          | A TOP TOP   | /<br>&/     |  |                |             | REMARKS                 |
| STA NO       | DATE          | TIME              | COMP     | GRAB      |            | STATIO    | N LOCATION              | TAINERS  | /-       | 37   |          |             | _           |  |                |             |                         |
| 326          | 1-7-77        | 1400              |          | 1         | Site       | # 0       | 89                      | 1  | /        | 2.4<br>Lpr                                       | เเรล     |             |             |  | Carmel         | e Mi        | relec                   |
| 227          | 1-0-97        | T                 |          | 1         |            | # 08      |                         | 1  | /        | 314  | 1152     |             |             |  | Ramon          | Ris         | 7                       |
| 238          | (477          | Ī                 |          | 1         |            |           |                         |  |          | 1  |          |             |             |  |                |             |                         |
| <u> </u>     | 1             |                   |          |           |            |           |                         |  |          |  |          |             |             |  |                | ·           |                         |
|              |               |                   |          |           |            |           |                         |  |          |  |          |             | T           |  |                |             |                         |
|              |               |                   |          |           |            |           |                         |  |          |  | <b>-</b> |             |             |  |                |             |                         |
|              |               |                   |          |           |            |           |                         | 1  |          |  |          |             | <u> </u>    |  |                |             |                         |
|              |               |                   |          |           |            |           | 1                       |  | _        |  |          |             |             |  |                |             |                         |
|              |               |                   |          |           |            |           |                         |  |          |  |          |             |             |  |                |             |                         |
|              |               |                   | <u> </u> |           |            |           |                         | <del></del>                                      | -        | <u> </u>   | ļ        | -           | <b>†</b>    |  |                |             |                         |
|              |               |                   | -        |           |            |           |                         |  | ļ        |  |          |             | <u> </u>    | <del>                                     </del> | ·              | <del></del> |                         |
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|              |               |                   |          |           |            |           |                         | <del>                                     </del> |          |  |          |             | <u> </u>    |  |                |             |                         |
|              | <u> </u>      | -                 |          |           |            |           | , -                     |  |          | <del>                                     </del> |          |             |             | 1  |                |             |                         |
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| Relinquist   | l<br>red by i | <br> Signature    | }<br>;   |           | Date       | / Time    | Received by (Signature  | e)   | Reli     | nguisi   | hed b    | y (Sı       | gnatu       | re)  | Date           | / Time      | Received by (Signature) |
| Relinquish   | /             | //                | 1        | 1-        | 9-90       | 0537      | Received by (Signature  |  | Relii    |  |          |             |             |  | 1-9-97         | 1332        | Received by (Signature) |
| Relinquist   | ned by        | Signature)        | )        |           | Date ,     | Time      | Received by (Signature  | e)   | Reli     | nguish   | ned b    | y (Sig      | gnatu       | rel  | Date           | / Time      | Received by (Signature) |
| Relinquish   | ned by        | Signature         | )        |           | Date /     | Time      | Received for Laborato   | Duhan  | 1-1      |  | e /Ti    | me<br>635   |             | Remark   | S              | 1           | <u> </u>                |
| Shipped by   | y             |                   |          |           |            |           | Airbill Number          |  | <u> </u> |  |          |             |             |  |                |             |                         |
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Green to Report Yellow Returns with Warrant

609-858-4800

Piscataway NJ 908-981-0550

Carle Place, NY 516-997 7251

Manhattan, NY 212-290-0052

Seattle, WA 203-233 9007

Ann Arbor MI 313-668-6810

415-570-5401

San Mateo, CA

Smyrna, GA 404-333-6066

Greensboro NC 910-297 1487

713-686-3635

**Ecology & Environment, Inc** 11550 Newcastle Ave #250 Baton Rouge LA 70816

Thursday, January 16, 1997

Ref Number TX97116

### PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #3, 5/89

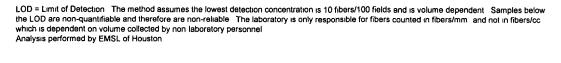
### Project 768209 WESTBANK ASBESTOS REMOVAL PROJECT

| Location | Sample Date | Volume<br>(liters)                | Fibers  | Fields   | L O D<br>fib/cc   | fibers/<br>mm²   | fibers/cc  |
|----------|-------------|-----------------------------------|---|--|---|--|--|
| SITE 089 | 1/10/97     | 1152 00                           | 11 5  | 100  | 0 0023  | 14 65  | 0 0049   |
| SITE 268 | 1/10/97     | 1152 00                           | 16 0  | 100  | 0 0023  | 20 38  | 0 0068   |
| Blank    | 1/10/97     | 0 00                              | 0 0   | 100  |   | 0  |  |
|          | SITE 089    | SITE 089 1/10/97 SITE 268 1/10/97 | Location         Sample Date         (liters)           SITE 089         1/10/97         1152 00           SITE 268         1/10/97         1152 00 | Location         Sample Date         (liters)         Fibers           SITE 089         1/10/97         1152 00         11 5           SITE 268         1/10/97         1152 00         16 0 | Location         Sample Date         (liters)         Fibers         Fields           SITE 089         1/10/97         1152 00         11 5         100           SITE 268         1/10/97         1152 00         16 0         100 | Location         Sample Date         (liters)         Fibers         Fields         fib/cc           SITE 089         1/10/97         1152 00         11 5         100         0 0023           SITE 268         1/10/97         1152 00         16 0         100         0 0023 | Location         Sample Date         (liters)         Fibers         Fields         fib/cc         mm²           SITE 089         1/10/97         1152 00         11 5         100         0 0023         14 65           SITE 268         1/10/97         1152 00         16 0         100         0 0023         20 38 |

BLANK ID 228

Steven Duhon **Analyst** 

Approved Signatory



| ENVIRONI   | Region 6 PROJ NO PROJECT NAME                    |  |        |                    |                   |               | СНА                                   | OFF       | ICIAL        |           | ECOF                       | RD    |                 | TX 97116             | REGION 6<br>1445 Ross Avenue Suite 1200<br>Dallas Texas 75202 2733 |
|--|--|--|--------|--------------------|-------------------|---------------|---------------------------------------|-----------|--------------|-----------|----------------------------|-------|-----------------|----------------------|--|
| PROJ   | NO   | PROJEC   | T NA   | ME                 |                   |               | <del></del>                           |           | T            |           |                            | 7     | 77              |                      |  |
| 76820  | 9  | West   | banl   | د ۵                | sbestos           | Rem           | oural Present                         | NO        |              |           |                            | c)/   |                 | / <sub>5</sub> / / / |  |
| SAMPLE   | RS (Sign   | ature)   |        |                    |                   |               |                                       | OF        |              | /         | \~\\                       |       |                 | `///                 |  |
|  |  |  |        |                    |                   |               | _                                     | CON       |              | /;        | V ´                        | Y     | £/              | / / /                | REMARKS  |
| STA NO   | DATE   | TIME   | COMP   | GRAB               |                   | STATIO        | ON LOCATION                           | TAINERS   | ; /          |           | Serie                      | 727   | gr <sup>e</sup> |                      |  |
| 376  | 1-104  | 1600   |        |                    | Site              | 2 #           | 089                                   | 1         | /            | 2 H       | 1152                       | ,     |                 | Ramon                | Ru'z   |
| 727  | 1-16 47  | 1600   |        |                    | St                | - 7           | 089<br>268                            |           | /            | 24        | 1152                       |       |                 | Tony R               |  |
| 778  | 1-16-47  |  |        |                    |                   |               |                                       | 1         |              |           |                            |       |                 |                      |  |
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|  |  |  |        |                    |                   |               |                                       |           |              |           |                            |       |                 |                      |  |
| Relinquist   | ned by   | (Signature                                       |        | ,                  | 4. Pate<br>-10-97 | /Time<br>0700 | Received by (Signa                    | eture)    | Rel          | Inquis    | hed b                      | y (si | gnature)        | Date / To            | 0110110  |
| Date / Time Received by (Signature)  Date / Time Received by (Signature) |  |  |        | 1-15-97<br>> 10 30 | Rel               | inquis        | hed b                                 | y (Sig    | gnature)     | Date / To | me Received by (Signature) |       |                 |                      |  |
| Relinquis  | ned by   | (Signature                                       | ·) _   |                    | Date              | / Time        | Received for Labor (Signature)        | ratory by |              | Da        | te / Ti                    | me    | Rer             | marks                |  |
| Shipped b  | у  |  |        |                    |                   | <b>!</b>      | Airbill Number                        |           |              |           | <u>-</u>                   |       |                 |                      | į  |
|  |  | Dist   | ributi |                    |                   | -             | Shipment Pink to Coo                  |           | iles         |           |                            |       |                 |                      |  |



609-858-4800

Piscataway NJ 908 981-0550

Carle Place, NY 516-997 7251

Manhattan, NY 212-290-0052

Seattle, WA 203-233 9007 Ann Arbor MI 313-668-6810

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Smyrna, GA 404-333-6066

Greensboro NC 910-297 1487

713-686-3635

**Ecology & Environment, Inc** 11550 Newcastle Ave #250 Baton Rouge LA 70816

Thursday, January 16, 1997

Ref Number TX97115

### PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #3, 5/89

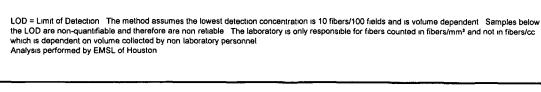
### Project 768209 WESTBANK ASBESTOS REMOVAL PROJECT

| Location | Sample Date        | Volume<br>(liters)                 | Fibers   | Fields                       | L O D<br>fib/cc   | fibers/<br>mm²   | fibers/cc   |
|----------|--------------------|------------------------------------|--|------------------------------|---|--|---|
| SITE 623 | 1/11/97            | 1152 00                            | 9 5  | 100                          | 0 0023  | 12 1   | 0 0040  |
| SITE 341 | 1/11/97            | 1152 00                            | 80   | 100                          | 0 0023  | 10 19  | 0 0034  |
| BLANK    | 1/11/97            | 0 00                               | 00   | 100                          |   | 0  |   |
|          | SITE 623  SITE 341 | SITE 623 1/11/97  SITE 341 1/11/97 | SITE 623 1/11/97 1152 00  SITE 341 1/11/97 1152 00 | SITE 623 1/11/97 1152 00 9 5 | SITE 623 1/11/97 1152 00 9 5 100 SITE 341 1/11/97 1152 00 8 0 100 | SITE 623 1/11/97 1152 00 9 5 100 0 0023 1/11/97 1152 00 8 0 100 0 0023 | SITE 623 1/11/97 1152 00 9 5 100 0 0023 12 1  SITE 341 1/11/97 1152 00 8 0 100 0 0023 10 19 |

BLANK ID 228

Steven Duhon **Analyst** 

Approved Signatory



**ENVIRONMENTAL PROTECTION AGENCY REGION 6 OFFICIAL** Region 6 1445 Ross Avenue Suite 1200 TX97115 **CHAIN OF CUSTODY RECORD** Dallas Texas 75202-2733 PROJ NO PROJECT NAME Wasthank Askestos Remain! Prosect 768209 NO SAMPLERS (Signature) OF REMARKS CON TAINERS GRAB COMP STATION LOCATION DATE TIME STA NO 2:4 1152 Ramon Puiz 1-1497 SITCH 623 שבב 1300 Site # 341 CAIMEIO Mirales Blank 1-11-97 Relinquished by (Signature) Date / Time Received by (Signature) Relinquished by (Signature) Date / Time Regived by (Signature) 1-11-97 Received by (Signature) 1-15 47 Relinquished by (Signature) Date / Time Relinquished by (Signature) Date / Time Date / Time Remarks (Signature) Airbill Number Shipped by Distribution White Accompanies Shipment Pink to Coordinator Field Files Green to Report Yellow Returns with Warrant

Houston, TX Greensboro, NC Seattle, WA Manhattan NY Carle Place NY 713-686-3635 Piscataway NJ 910 297 1487 Westmont, NJ 404 333-6066 415 570 5401 313-668-6810 203 233 9007 212 290-0052 516 997 7251 908 981-0550 609-858-4800

> Ecology & Environment, Inc. 11550 Newcastle Ave #250 Baton Rouge LA 70816

**REC'D** FEB 1 1 1997 Tuesday, February 04, 1997

Ref Number TX97310



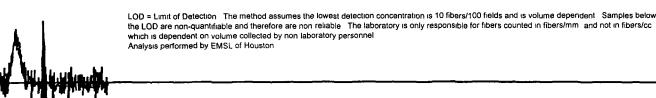
## PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #3, 5/89

## Project 768209 WESTBANK ASBESTOS REMOVAL PROJECT

| Sample | Location | Sample Date | Volume<br>(liters) | Fibers | Fields | L O D<br>fib/cc | fibers/<br>mm² | fibers/cc           |
|--------|----------|-------------|--------------------|--------|--------|-----------------|----------------|---------------------|
| 250    | 200      | 1/29/97     | 1392 00            | 1 5    | 100    | 0 0019          | 1 91           | <lod< th=""></lod<> |
|        |          |             |                    |        | l<br>r |                 |                |                     |
| 251    | 585      | 1/29/97     | 1200 00            | 3 5    | 100    | 0 0022          | 4 46           | <lod< td=""></lod<> |
|        |          |             |                    | 1      | Į.     |                 |                | 1                   |
| 252    | 585      | 1/29/97     | 1248 00            | 20     | 100    | 0 0022          | 2 55           | <lod< td=""></lod<> |
|        |          |             |                    |        |        | i               | _              |                     |
| 253    | BLANK    | 1/29/97     | 0 00               | 00     | 100    |                 | 0              | <del>-</del>        |
|        |          |             |                    |        | (      | '               |                |                     |

Steven Duhon **Analyst** 

Approved Signatory



**ENVIRONMENTAL PROTECTION AGENCY REGION 6 OFFICIAL** Region 6 1445 Ross Avenue Suite 1200 TX9 7310 **CHAIN OF CUSTODY RECORD** Dallas Texas 75202-2733 PROJECT NAME PROJ NO WESTBANK ASLESTOS REMOVED PROJECT 768209 NO SAMPLERS (Signature) esperies (C.S.) Denved Dufan OF REMARKS CON **TAINERS** STA NO DATE TIME STATION LOCATION 0880 1372 # 200 GABRIEL VASQUEZ 220 1-29 97 1600 £800 # 282 1200 221 1 39 97 1600 0800 #304/#305 1-29-97 1600 253 BLANK 1-29 97 Date / Time Relinquished by (Signature) Date / Time Received by (Signature) Relinquished by Sugature Received by (Signature) 01-31-97 0939 Received by (Signature) Relinquished by (Signature) Date / Time Relinquished by (Signature) Date / Time 2-3-97 9:00 Ar Relinquished by (Signature) Date / Time Received for Laboratory by Date / Time Remarks (Signature) Shipped by Airbill Number Distribution White Accompanies Shipment Pink to Coordinator Field Files

Green to Report Yellow Returns with Warrant

Westmont, NJ 609-858-4800

908 981-0550

Piscataway NJ Carle Place, NY 516-997 7251

Manhattan, NY 212 290 0052

Seattle, WA 203 233 9007 Ann Arbor MI 313-668-6810

San Mateo CA 415-570-5401

Smyrna, GA 404-333-6066 Greensboro NC 910-297 1487

Houston, TX 713-686-3635

**Ecology & Environment, Inc** 11550 Newcastle Ave #250 Baton Rouge LA 70816

Thursday, February 20, 1997

Ref Number TX97473

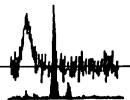
### PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #3, 5/89

### Project 768209 WESTBANK ASBESTOS REMOVAL PROJECT

|   | Sample | Location | Sample Date | Volume<br>(liters) | Fibers | Fields | L O D<br>fib/cc | fibers/<br>mm² | fibers/cc           |
|---|--------|----------|-------------|--------------------|--------|--------|-----------------|----------------|---------------------|
|   | 254    | SITE 545 | 2/12/97     | 1296 00            | 00     | 100    | 0 0021          | 0              | <lod< th=""></lod<> |
|   | 255    | SITE 545 | 2/12/97     | 1104 00            | 10     | 100    | 0 0024          | 1 27           | <lod< td=""></lod<> |
|   | 256    | SITE 967 | 2/12/97     | 1104 00            | 15     | 100    | 0 0024          | 1 91           | <lod< th=""></lod<> |
| , | 257    | BLANK    | 2/12/97     | 0 00               | 0 0    | 100    |                 | 0              |                     |

Steven Duhon **Analyst** 

Approved Signatory



LOD = Limit of Detection The method assumes the lowest detection concentration is 10 fibers/100 fields and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non reliable. The laboratory is only responsible for fibers counted in fibers/mm, and not in fibers/cc. which is dependent on volume collected by non laboratory personnel Analysis performed by EMSL of Houston



## ecology and environment, inc.

Analytical Services Center
4493 Walden Avenue Lancaster New York 14086 Tel 716/685 8080 Fax 716/685 0852
International Specialists in the Environment

#### CHAIN OF CUSTODY RECORD

TX97473

|                   |                |              |          |              |  |           |                                      |                |                  |             |            |                      |          |          | <u> </u>          |               | 1117         |
|-------------------|----------------|--------------|----------|--------------|--|-----------|--------------------------------------|----------------|------------------|-------------|------------|----------------------|----------|----------|-------------------|---------------|--------------|
| Project No        |                | Project      |          |              |  |           |                                      |                | Project Manager  |             |            |                      |          |          |                   |               | ////         |
| 76820             |                | west         | Bar      | ٠K           | Asb  | estos Ren | nover Project                        | -              | Ton              | MATHESO     | · ~        |                      |          |          |                   |               | ////         |
| Samplers          | (Signatu       | 1            |          |              |  |           |                                      |                | Field Team Leade | r           |            |                      |          |          |                   | //            |              |
| 6                 | Jona           |              | عالا     | Fee          | 3  | •         |                                      |                |                  |             |            | !                    |          |          | /5                | De/           |              |
| STATION<br>NUMBER | DATE           | TIME         | S/       | AMPI<br>TYPE |  |           | SAMPLE INFORMA                       | TION           |                  | STATIO      | N LOCATION | NUMBER<br>OF         |          | /        |                   | O e           |              |
| NOWBER            |                |              | COMP     | GRAB         | AIR  | EXP       | ECTED COMPOUNDS (C                   | Concentration) | •                |             |            | CON<br>TAINERS       | /        | 320      | \$ <sup>7</sup> } | 9//           |              |
| 254               | 2-12-97        |              |          | ~            |  |           |                                      |                |                  | Site #5     | 15         |                      |          | سمها     | 17.16             |               | JUAN (       |
| ass               |                | 1600<br>0800 | <u> </u> | V            |  |           |                                      |                |                  | Site # 5"   |            | ,                    | _        | 23<br>23 | 1104              |               | TONX         |
| عاكم              | 2-1297         | 1600         | <u> </u> | V            |  |           |                                      |                |                  | Site # 9    | 67         |                      | ~        | 2,3      | 1104              |               | RAMON        |
| 257               | 2-1297 / BLANK |              |          |              |  |           |                                      | <u> </u>       | <b>~</b>         | <u>'</u>    |            |                      | BLA      |          |                   |               |              |
|                   | ļ              |              | <u> </u> |              | _  |           |                                      |                |                  |             |            |                      |          |          |                   |               |              |
|                   |                |              |          |              | <u> </u>                                     |           |                                      |                |                  |             |            |                      | <u> </u> |          |                   |               |              |
|                   |                |              |          |              |  |           |                                      |                |                  |             |            |                      |          |          |                   |               |              |
|                   |                | ļ            | <u> </u> |              |  |           |                                      |                |                  |             | ·····      |                      |          |          |                   |               |              |
|                   |                |              | <u> </u> | <u> </u>     | <u> </u>                                     |           |                                      |                |                  |             |            |                      | <u> </u> |          |                   |               |              |
|                   | ļ              |              | 1        | <u> </u>     |  |           |                                      |                |                  |             |            |                      | <u> </u> |          |                   |               |              |
|                   |                | ļ            |          |              |  |           |                                      |                |                  |             |            |                      | <u> </u> |          |                   |               |              |
|                   |                | <u> </u>     |          |              |  |           |                                      |                |                  |             |            | <u></u>              |          |          |                   |               |              |
|                   |                | <u> </u>     |          |              |  |           |                                      |                |                  |             |            | _                    |          |          |                   |               |              |
|                   | <u> </u>       | <u> </u>     |          |              | <u>l                                    </u> |           |                                      |                |                  |             |            |                      |          |          |                   |               |              |
| Relinquis         | hed By         | ,,]          | :)       |              |  | איבו/ רף  | Received By (Signatur                |                | Relinqui hed By  | Signature)  | Date/Time  | Receive              | d By     | (Sigi    | nature)           | 61 <b>-</b> - | Ship Via     |
| Relinquis         | hed By         | Signature    | •)       |              | Date/  | Time      | Received By (Signatur                | e)<br>10 ( 1   | Relinquished By  | (Signature) | Date/Time  | Received             | 1 BY     | (Sign    | ature)            | <del>U</del>  | 7            |
|                   |                |              |          |              |  |           | Received By (Signatur                | 194/8,4        | 1                |             |            |                      |          |          |                   |               | BL/Airbill N |
| Relinquis         | hed By         | (Signature   | ?)       |              | Date/  | Time      | Received For Laborato<br>(Signature) | ory By         | Relingui hed By  | (Signature) | Date/Time  | Received<br>(Signatu |          | Labo     | oratory           | Ву            |              |

Distribution Original Accompanies Shipment Copy to Coordinator Field Files

WK-90127

<sup>\*</sup>See CONCENTRATION RANGE on back of form

Westmont PJ Piscataway NJ Carle Place NY Manhattan NY Seattle WA Ann Arbor MI San Mateo CA Smyrna GA Greensboro NC Houston TX 609 858 4800 908 981 0550 516 997 7251 212 290-0052 203 233 9007 313 668 6810 415 570 5401 404 333 6066 910 297 1487 713 686 3635



Ecology & Environment, Inc 11550 Newcastle Ave #250 Baton Rouge LA 70816

**REC'D MAR 0 7 1997** 

Monday, March 03, 1997

Ref Number TX97640

# PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #3, 5/89

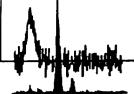
### Project 768209 WESTBANK ASBESTOS

|   | Sample       | Location | Sample Date | Volume<br>(lucrs) | Fibers | Fields | L O D<br>fib/cc | fibers/<br>mm² | fibers/cc           |
|---|--------------|----------|-------------|-------------------|--------|--------|-----------------|----------------|---------------------|
| _ | <b>.</b> 258 | SITE 591 | 2/26/97     | 969 00            | 8 5    | 100    | 0 0028          | 10 83          | 0 0043              |
| \ | , 259        | SITE 90  | 2/26/97     | 1176 00           | 35     | 100    | 0 0023          | 4 46           | <lod< th=""></lod<> |
|   | , 260        | SITE 108 | 2/26/97     | 1334 00           | 10     | 100    | 0 0020          | 1 27           | <lod< th=""></lod<> |
|   | , 261<br>, . | SITE 122 | 2/26/97     | 1200 00           | 25     | 100    | 0 0022          | 3 18           | <lod< th=""></lod<> |
| / | 262          | BLANK    | 2/26/97     | 0 00              | 00     | 100    |                 | 0              |                     |

BLANK ID 262

Steven Duhon Analyst

Approved Signatory



LOD = Limit of Detection. The method assumes the lowest detection concentration is 10 fibers/100 fields and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non-reliable. The laboratory is only responsible for fibers counted in fibers/mm, and not in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Analysis performed by EMSL of Houston.

First International Bldg 1201 Elm St

Dallas Texas 75270

|            |           |           |               |          |                       | CHAIN                                 | OF CUST         | TOD  | Y RE     | COR   | D          |               |               |           |               | Dallas Texas 75270   |
|------------|-----------|-----------|---------------|----------|-----------------------|---------------------------------------|-----------------|------|----------|---|------------|---------------|---------------|-----------|---------------|--|
| PROJ I     | NO P      | ROJEC     | TNA           | ME       |                       | 0                                     |                 |      |          | /   |            | $\overline{}$ | $\overline{}$ | ///       | /             |  |
| 76826      |           |           | wK            | Ast      | oestas Removal        | LETEL                                 | NO              |      |          |   | / ,        | / /           | / ,           | / / /     |               | •  |
| SAMPLER    | RS (Signa | Moke)     | ) .           | _        |                       |                                       | OF              |      | /        |   | /د         |               |               |           |               |  |
| Don        | rloh      | F 25      | <del>al</del> | <u> </u> |                       | · · · · · · · · · · · · · · · · · · · | CON             |      |          | ڮٛڮٚ  | 59<br>31   | / /           | / /           |           |               | REMARKS  |
| STA NO     | DATE      | TIME      | COMP          | GRAB     | STATIO                | N LOCATION                            | TAINERS         | /.   | 37       | 7507  | 3424       | //            | /_            |           |               |  |
| 228        | 2 2697    |           |               | 1        | Site #5               | 91                                    | 1               | 1    | 19       | 469   |            |               |               | Crabrich: | VASQU         | <u> </u>   |
| 259        | 1269      |           | ļ             | 1        | Site # 91             |                                       | 1               | 1    | 742      | 969<br>1176<br>1334<br>1900<br>1900<br>1900 |            |               |               | Roberto   | H'ldga        | 90   |
| 260        | 2-2647    |           |               | V        | Site# 10              |                                       | 1               | 1    | 3.78     | 1334<br>Cpm                                 |            |               |               | MAN'O D   | iAZ           |  |
| 261        | a 2697    |           |               | ~        | SiTe # 12             | .2                                    | 1               | 1    | 2.5      | 400   |            |               | _   -         | Tony Ros  | Si            |  |
| 919        | 2-36-97   |           |               | /        | BLANK                 |                                       |                 | 1    |          |   |            |               |               | BHANK     | <del></del>   |  |
|            |           |           |               |          |                       |                                       |                 |      |          |   | $\perp$    |               |               | ·         |               |  |
|            |           |           | ļ             |          |                       |                                       |                 |      |          |   |            |               |               |           |               |  |
|            |           |           | }<br>}        |          |                       |                                       |                 |      |          |   |            |               |               |           |               |  |
|            | ļ         |           | <u> </u>      |          |                       |                                       |                 |      | <u> </u> |   |            | _             |               | <u> </u>  |               | The second secon |
|            | ļ         | ļ         | ļ             |          |                       |                                       |                 | ļ    | ļ        |   |            |               |               |           |               |  |
|            |           |           |               | <u> </u> |                       |                                       | ļ               | ļ    | ļ        |   | $\perp$    |               |               |           |               |  |
|            |           |           | -             | ļ        |                       |                                       | <del> </del>    | ļ    |          |   |            |               |               |           |               |  |
|            |           |           | -             |          |                       |                                       |                 | ļ    | -        |   |            |               | -             |           |               |  |
|            | ļ         | <u> </u>  |               |          |                       | <del></del>                           | <del> </del>    | ļ    | <u> </u> |   | _          | _             | $\perp$       |           |               |  |
| Polynous   | and by (  |           | <u> </u>      | <u> </u> | Dete /Time            | Received by /(Signature               |                 | Dal  | <u> </u> |   |            |               |               | 5         | / <b>T</b>    | Describe (0)   |
| Belinquist | all       | o for     | 9             | a        | Date / Time           | 11//                                  | ,               | Kei  | inquis   | hed by                                      | Sign       | ature)        |               |           | /Time<br>/2/6 | Received by (Signature)  |
| Relinquist | ned by (  | Signature | )             |          | Date / Time           | Received by (Signature                | )               | Reli | nquis    | hed by                                      | (Sıgn      | ature)        |               | Da*e      | / Time        | Received by (Signature)  |
| Relinquish | ned by (  | Signature | )             |          | Date / Time           | Received for Laborator (Signature)    | ry by           | 2    | Dat      | e / Tim                                     | ne<br>7/15 | Ren           | narks         |           |               |  |
|            |           | Dist      | ributi        | on Or    | riginal Accompanies S | hipment Copy to Coordina              | itor Field File | s    | · •      |   |            |               |               |           |               |  |

Westmor NJ P<sub>1</sub> calaway NJ Carle Place NY Manhattan NY Seattle WA Ann Arbor MI San Mateo CA Smyrna GA Greensboro NC Houston TX 609 858 4800 908 981 0550 516 997 7251 212 290-0052 203 233 9007 313-668-6810 415 570 5401 404 333-6066 910 297 1487 713-686 3635

EMSL

Attn Barbara Storey

Ecology & Environment, Inc
11550 Newcastle Ave #250
Baton Rouge LA 70816

Friday, May 02, 1997

Ref Number TX971483

# PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #4, 8/94

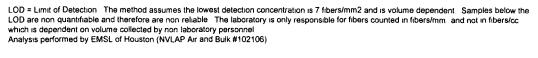
#### Project WESTBANK ASBESTOS REMOVAL PROJECT

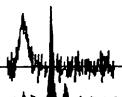
| Sample   | Location           | Sample Date  | Volume<br>(liters) | Fibers | Fields | L O D<br>fib/cc | fibers/<br>mm² | fibers/cc                |
|----------|--------------------|--------------|--------------------|--------|--------|-----------------|----------------|--------------------------|
| 600      | 747/755 Mario Diaz | 4/23/97      | 1200 00            | 12 5   | 100    | 0 0022          | 15 92          | 0 0051                   |
| -<br>601 | 829 Leonardo Avila | -<br>4/23/97 | <br>1152 00        | 90     | 100    | 0 0023          | 11 46          | -<br>0 0038              |
| 602      | 178 Omar Flores    | 4/23/97      | 1536 00            | 2 5    | 100    | 0 0018          | 3 18           | <lod< td=""></lod<>      |
| 603      | 693 Pedro Sauceda  | 4/23/97      | <br>1368 00        | 30     | 100    | 0 0020          | 3 82           | -<br><lod< td=""></lod<> |
| 604      | 172/750 Ramon Ruiz | 4/23/97      | 1296 00            | 50     | 100    | 0 0021          | 6 37           | <lod< td=""></lod<>      |
| 605      |                    | -<br>4/23/97 | 0 00               | 00     | 100    |                 | -<br>0         |                          |

BLANK ID 605

Steven Duhon Analyst

Approved Signatory





**CHAIN OF CUSTODY RECORD** Dallas Texas 75270 PROJECT NAME PROJ NO 020601RAGI WESTBank Asbestos Romoval Project 768209 NO SAMPLERS (Signature) OF lonald REMARKS CON TAINERS GRAB COMP DATE TIME STATION LOCATION STA NO \$00 747/755 25 1200 MArio NIAZ 4 23-97 600 1600 800 Leonardo Avila 4-23-97 a.4 1152 601 1600 080E omar Flores 4 2397 1600 V 312 1536 602 42317 1600 Pedro Sauceda 2.85/1368 603 0800 RAMON Ruiz 4-23-97 1600 604 216 1396 BLANK 605 4-23-97 Relinquished by (Signature) Relinquished by (Signature) Received by (Signature) Date / Time Date / Time Received by (Signature) 04-28-97 1600 4-28-97 1635 Received by (Signature Relinquished by (Signature) Date / Time Received by (Signature) Relinquished by (Signature) 4/29/27 Relinquished by (Signature) Received for Laboratory by Date / Time Date / Time Remarks (Signature) Distribution Original Accompanies Shipment Copy to Coordinator Field Files

609-858-4800

Piscataway NJ **308-981-0550** 

Carle Place, NY 516 997 7251

Manhattan, NY 212-290-0052

Seattle, WA 203-233 9007

Ann Arbor MI 313-668-6810

San Mateo, CA 415-570-5401

Smyrna, GA 404-333-6066

910-297 1487

**Ecology & Environment, Inc** 11550 Newcastle Ave #250 Baton Rouge LA 70816

Wednesday, May 14, 1997

Ref Number TX971754

### PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #3, 5/89

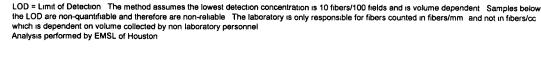
### Project 768209 WESTBANK ASBESTOS REMOVAL PROJECT

|     | Location | Sample Date | (liters) | Fibers | Fields | L O D<br>fib/cc | fibers/<br>mm² | fibers/cc               |
|-----|----------|-------------|----------|--------|--------|-----------------|----------------|-------------------------|
| 605 | 547 323  | 5/7/97      | 1205 00  | 2 5    | 100    | 0 0022          | 3 18           | <lod< td=""></lod<>     |
| 606 | 892/824  | 5/7/97      | 989 00   | 3 0    | 100    | 0 0027          | 3 82           | <br><lod< td=""></lod<> |
| 607 | 334/337  | 5/7/97      | 1157 00  | 20     | 100    | 0 0023          | 2 55           | <lod< td=""></lod<>     |
| 608 | 433/429  | 5/7/97      | 1517 00  | 40     | 100    | 0 0018          | 5 1            | <br><lod< td=""></lod<> |
| 609 | 439/436  | 5/7/97      | 837 00   | 2 5    | 100    | 0 0032          | 3 18           | <lod< td=""></lod<>     |
| 610 | 845/177  | 5/7/97      | 1277 00  | 1 5    | 100    | 0 0021          | 1 91           | <br>                    |
| 609 | 439/436  | 5/7/97      | 837 00   | 2 5    | 100    | 0               | 0032           | 0032 3 18               |

BLANK ID 611

Steven Duhon **Analyst** 

Approved Signatory



## PCM Fiber Count - NIOSH Method 7400, Revision #3, 5/89

24 Hour TAT 5/13/97 Logged **Ecology & Environment, Inc** Client 5/14/97 9 00 AM Date/Time Due 11550 Newcastle Ave #250 Address Baton Rouge LA 70816 Billing Number Special Handling (504) 363 2980 Phone TX971754 (504) 363 4732 Fax 768209 WESTBANK ASBESTOS REMOVAL PROJECT Project Sample Fibers/mm² = E | Fibers/CC = C | Overloaded Fibers | Fields Volume (L) Date Sample ID Location 547 323 5/7/97 1205 25/100 606 892/824 5/7/97 989 3 100 334/337 5/7/97 607 1157 2 100 608 433/429 5/7/97 1517 4 100 439/436 5/7/97 609 837 25 100 610 845/177 1277 5/7/97 100

100

5/7/97

| <br> | Lab Number | Sample ID | #<br>Fibers F | Fibers/mm² | Analyst |   |
|------|------------|-----------|---------------|------------|---------|---|
| QC   |            |           |               |            | -       | 1 |
| QC   |            |           |               |            |         |   |

QC Checks

, 611

BLANK

Analyst

Steven Duhon 5 14-47

Scope

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Computer

#### **ENVIRONMENTAL PROTECTION AGENCY**

# OFFICIAL CHAIN OF CUSTODY RECORD

| PROJ I     | OV     | PROJEC      | TNA     | ME       |             |                                       |                                       | 07 003         |      |              |  | 7  | 7 /  | 7    | 7 7         |             | <del></del>    |                         |
|------------|--------|-------------|---------|----------|-------------|---------------------------------------|---------------------------------------|----------------|------|--------------|--|--|--|------|-------------|-------------|----------------|-------------------------|
| 7682       | 09     | west        | ผละ     | K f      | Asbest      | os R                                  | emoval Project                        | NO             |      |              |  |  |  |      |             | / /         | /              |                         |
|            |        |             | _       |          |             |                                       | 1.00                                  | 0=             |      |              |  | /2   | //   | / /  | / /         |             |                | •                       |
|            | ona    | led 1       | ٠       | -da      | A.          |                                       |                                       |                |      | /.           |  | ⁄عَ)   | 6/   |      |             |             |                | 05144040                |
| STA NO     | DATE   | TIME        | СОМР    | GRAB     |             | STATIO                                | ON LOCATION                           | CON            | /    | 272          |  |  | 9  |      |             |             |                | REMARKS                 |
| 605        | 5797   | 1600        |         |          | 5           | 17-1                                  | 323                                   | 1              | 1    | 2.5          | 1205   | F  |  |      | Roc         | dring       | Ro             | oc Ac                   |
| 606        | 5 7-97 | 9800        |         | /        | 89          | 12/8                                  | 224                                   | 1              | 7    | 20           | 984  |  |  |      | Fai         | 3250        | Rui            | 7                       |
| 607        | 5-7-97 | 11000       |         | /        | 33          | 4/3                                   | 37                                    | 1              | 1    | 2.4          | 1157   |  |  |      | 769         | e R         | CYN            | 06.0                    |
| 1608       | 5-7-97 | 1400        |         | /        |             | 3/4                                   |                                       | 1              | 1    | 1            | 1517   | <del> </del>                                     |  |      | FECT        | Sie A       | LVACA          | da                      |
| 609        | S-7-17 | 1660        |         | <b>√</b> |             | 1/43                                  |                                       | 1              | 1    | 1,43         | 837  |  |  |      | Sa          | ol F        | Sau            | tec                     |
| 610        | 5-7-97 | 1000        |         | /        |             | 5/17                                  |                                       | 1              | T .  | 1            | 1277   |  |  |      |             |             | NAVE           |                         |
|            | 5.7.97 | 1           |         | 1        | BLA         | ٠K                                    |                                       |                |      |              |  |  |  |      | 3           |             | <u> </u>       | 4                       |
|            |        |             |         |          |             |                                       |                                       |                |      |              |  |  |  |      |             |             |                |                         |
|            |        |             |         |          |             | _                                     |                                       |                |      |              |  |  |  |      |             |             |                |                         |
|            |        |             |         |          |             |                                       |                                       |                |      |              |  |  |  |      |             |             |                |                         |
|            |        |             |         |          |             |                                       |                                       |                |      |              |  |  |  | _    |             |             |                |                         |
|            |        |             |         |          |             |                                       |                                       |                |      |              |  | -  |  | +    |             | <del></del> |                |                         |
|            |        |             |         |          |             |                                       | · · · · · · · · · · · · · · · · · · · |                |      |              | <del> </del>                                     | <del>                                     </del> | <del>                                     </del> |      | <del></del> |             |                |                         |
|            |        |             |         |          |             |                                       |                                       |                |      | <del> </del> | <del>                                     </del> | <del> </del>                                     | 1  |      |             |             | ·              |                         |
|            |        |             |         |          |             |                                       |                                       |                |      | -            | -  |  |  |      | ~ <u></u>   | <del></del> | <del></del>    |                         |
| Relinquish | -11    | 14          | 7       | - 5      | Date /      |                                       | Received by (Signarge                 | *)             | Reli | nquis        | hed b  | y ISi  | gnature)   |      |             | _           | / Time         | Received by (Signature) |
| Relinquish |        |             | )       | +        | l<br>Date / | Time                                  | Received by (Signature                | -/             | Reli | naus         | hed by   | V (Su  | gnature)   |      | 65          | 72-97       | 1845<br>/ Time | Recovered by 15         |
|            |        | ·           |         |          |             | · · · · · · · · · · · · · · · · · · · |                                       |                |      |              |  | , 1019   | y.ia.urd)  |      | 3           | 3\97        |                | Received by (Signature) |
| Relinquish | ned by | (Signature, | )       |          | Date /      | Time                                  | Received for Laborato (Signature)     | ry by          |      | Dat          | e / Tii  | me   | Rei  | mark | s           | . \ `       |                |                         |
| Shipped b  | y Fel  | dE          | X_      |          |             |                                       | Airbill Number 275                    | 52239          | 594  | 4            |  |  | $\dashv$   |      |             |             |                | ,                       |
|            | 7500   |             | ributio |          |             |                                       | Shipment Pink to Coordin              | ator Field Fil | es   |              |  |  |  |      |             |             |                |                         |

EPA 7500-53

Green to Report Yellow Returns with Warrant

6- 08823

Westmont, NJ 609-858-4800 Piscataway NJ 908 981-0550

Carle Place, NY 516 997 7251

NY Manhattan, NY 1 212-290-0052

? Se

Seattle, WA Ann A

Ann Arbor MI 313-668-6810 San Mateo CA 415-570-5401 Smyrna, GA 404-333-6066 Greensboro NC 910-297 1487 Houston, TX 713-686-3635 EMSL

**Ecology & Environment, Inc** 

11550 Newcastle Ave #250 Baton Rouge LA 70816 REC'D JUN 1 6 1997

Tuesday, June 10, 1997

Ref Number TX972216

# PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #3, 5/89

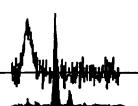
### Project 768209 WESTBANK ASBESTOS REMOVAL PROJECT

| Sample | Location       | Sample Date | Volume<br>(liters) | Fibers | Fields | L O D<br>fib/cc | fibers/<br>mm² | fibers/cc           |
|--------|----------------|-------------|--------------------|--------|--------|-----------------|----------------|---------------------|
| 700    | SITES 451/1083 | 5/21/97     | 1069 00            | 3 5    | 100    | 0 0025          | 4 46           | <lod< td=""></lod<> |
| 701    | SITES 434/479  | 5/21/97     | 1631 00            | 5 0    | 100    | 0 0017          | 6 37           | <lod< td=""></lod<> |
| 702    | SITES 913/470  | 5/21/97     | 1279 00            | 20     | 100    | 0 0021          | 2 55           | <lod< td=""></lod<> |
| 703    | SITES 315-468  | 5/21/97     | 1360 00            | 25     | 100    | 0 0020          | 3 18           | <lod< td=""></lod<> |
| 704    | BLANK          | 5/21/97     | 0 00               | 0 0    | 100    |                 | 0              |                     |

BLANK ID 704

Steven Duhon Analyst

Approved Signatory



LOD = Limit of Detection The method assumes the lowest detection concentration is 10 fibers/100 fields and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non reliable. The laboratory is only responsible for fibers counted in fibers/mm² and not in fibers/cc which is dependent on volume collected by non laboratory personnel. Analysis performed by EMSL of Houston.

**ENVIRONMENTAL PROTECTION AGENCY OFFICIAL CHAIN OF CUSTODY RECORD** 

| PROJ 1     | 9        |              | T NA<br>WK | ME<br>Ase | sestos Removo            | । रिट्यंटर                         | NO             |      | /           |        |   |       |          | /      |                         |
|------------|----------|--------------|------------|-----------|--------------------------|------------------------------------|----------------|------|-------------|--------|---|-------|----------|--------|-------------------------|
| SAMPLEF    | S ISigni |              | ) f        |           | }                        | <del></del>                        | OF<br>CON      |      |             |        | \<br>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ |       |          |        | REMARKS                 |
| STA NO     | DATE     | TIME         | COMP       | GRAB      | STATIC                   | ON LOCATION                        | TAINERS        | /-   | 3/2         | 9 3    |   |       |          |        |                         |
| 700        | 52197    | 0860         |            |           | Sites 45                 | 1/1083                             |                | /    | 198 10      | ٢٥٥    |   |       | Radrige  | Rosa   | ς                       |
| 701        | 53197    | 9880<br>Odf/ |            | 1         | Sites 43                 | 977 179                            | \              | 1    | 3.07        | 631    |   |       | Radriga  | Ruiz   |                         |
|            | 5-21-97  | 0886         |            | 1         |                          | 3 470                              | 1              | 1    | ا تود       | 279    |   |       | Fausto ( | 2017.  |                         |
| 703        | 5-2197   | 5800<br>1700 |            | /         | Sites 3                  |                                    |                | /    | 3 SZ ,      | 360    |   |       | Leonardo | _      |                         |
|            | 52197    | i            |            |           | BLANK                    | ·                                  |                | /    |             |        |   |       |          |        |                         |
|            |          |              | ļ          |           |                          |                                    |                |      |             | _      |   |       |          |        |                         |
|            |          |              |            |           |                          |                                    |                |      |             |        |   |       |          |        |                         |
|            |          |              |            |           |                          |                                    |                |      |             |        | -   |       |          |        |                         |
|            |          |              |            |           |                          |                                    |                |      |             |        |   |       |          |        |                         |
|            |          |              |            |           |                          |                                    |                |      |             |        |   |       |          |        |                         |
|            |          |              |            |           |                          |                                    |                |      |             |        |   |       | ·        |        |                         |
|            |          |              | -          |           |                          |                                    |                |      |             |        | -   |       |          |        |                         |
|            |          |              |            |           |                          |                                    |                |      |             |        |   |       |          | ·      |                         |
| Relinquish |          | Signature    | ,          | L L       | Date / Time              | Received by (Signature)            |                | Ren  | Inquishe    | g by   | 6 ignatur                                 | e)    |          | / Time | Received by (Signature) |
| Relinquist | ed by (  | Signature    | 1          | 6         | Date / Time /4/97 / 1650 | Received by (Signature)            |                | Reii | nquishe     | d by ( | Signature                                 | e)    |          |        | Received by (Signature) |
| Relinquish | ed by (  | Signature    | ,          |           | Date / Time              | Received by Labora for (Signature) | ism U          | 16   | Date<br>697 | /Time  | R   | emark | s        |        |                         |
| Shipped by | ·        |              |            |           |                          | Airbill Num <b>≬</b> er            | Ů.             | ¥_   |             |        |   |       |          |        |                         |
|            |          | Disti        | ributio    |           |                          | hipment Pink to Coordina           | itor Field - I | es   |             |        |   |       |          |        |                         |

Westmont, NJ Piscataway NJ Carle Place NY Manhattan NY Seattle WA Ann Arbor MI San Mateo CA Smyrna GA Greensboro NC Houston TX 609-858-4800 908-981-0550 516-997 7251 212 290-0052 203-233-9007 313-688-6810 415-570-5401 404 333-6066 910-297 1487 713-686-3635

EMSL

Attn Barbara Storey

Ecology & Environment, Inc
11550 Newcastle Ave #250
Baton Rouge, LA 70816

Tuesday, June 24, 1997

Ref Number TX972509

# PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #4, 8/94

REC'D JUN 3 0 1997

### Project WESTBANK ASBESTOS REMOVAL PROJECT / 768209

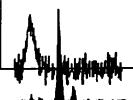
| Sample | Location       | Sample Date | Volume<br>(luters) | Fibers | Fields | LOD<br>fib/cc | fibers/<br>mm² | fibers/cc           |
|--------|----------------|-------------|--------------------|--------|--------|---------------|----------------|---------------------|
| 485    | SITE 485       | 6/4/97      | 1392 00            | 50     | 100    | 0 002         | 6 37           | <lod< th=""></lod<> |
| 486    | SITE40         | 6/4/97      | 1125 00            | 30     | 100    | 0 002         | 3 82           | <lod< th=""></lod<> |
| 487    | SITE 49        | 6/4/97      | 1200 00            | 15     | 100    | 0 002         | 1 91           | <lod< th=""></lod<> |
| 488    | SITE 482       | 6/4/97      | 926 00             | 25     | 100    | 0 003         | 3 18           | <lod< th=""></lod<> |
| 489    | SITE 636 / 495 | 6/4/97      | 1526 00            | 40     | 100    | 0 002         | 5 1            | <lod< td=""></lod<> |
| 490    | BLANK          | 6/4/97      | 0 00               | 25     | 100    |               | 3 18           |                     |

BLANK ID 490

Priscilla Sutton

**Analyst** 

Approved Signatory



LOD = Limit of Detection The method assumes the lowest detection concentration is 7 fibers/mm2 and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non reliable. The laboratory is only responsible for fibers counted in fibers/mm and not in fibers/cc which is dependent on volume collected by non laboratory personnel. Analysis performed by EMSL of Houston (NVLAP Air and Bulk #102106)

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### ENVIRONMENTAL PROTECTION AGENCY

OFFICIAL
CHAIN OF CUSTODY RECORD

|           |         |            |               |            | <del></del> |   | ~                    |                  |      |            |              | <del>, ,</del> |         | <del></del> |                     | ,         |  |
|-----------|---------|------------|---------------|------------|-------------|---|----------------------|------------------|------|------------|--------------|----------------|---------|-------------|---------------------|-----------|--|
| PROJ I    | NO F    | ROJEC      | TNA           | ME _       | `           | 0                                       | 1 00                 |                  |      |            | /            | ′ /            |         |             | ///                 | ,         | 1                                      |
| 7682      |         |            | Ban           | KA         | stestos     | Kemo                                    | val Project          | NO               |      |            | /_           | / /            | //      | /           | ////                |           | <b>4</b> 1                             |
| SAMPLER   |         |            | 1             |            |             |   |                      | OF               |      | /          | \.\ <b>\</b> | ' <u>P</u> I/  |         |             | //                  |           |  |
| Do        | rald    | . Wa       | K             | *          | }           |   |                      |                  |      | //         | √n           | 5/ u           | //      | ,           | / /                 |           | REMARKS                                |
| 10 01     |         |            |               | T          |             |   |                      | CON              | ,    | ريخة /     | / 5/         | 7 35           | ' /     |             |                     |           | HEMMINS                                |
| STA NO    | DATE    | TIME       | COMP          | GRAB       |             | STATION                                 | LOCATION             | TAINERS          |      |            | z/* :        |                | //      | /<br>/      |                     |           |  |
| 485       | 6-497   | 1460       |               | ~          | Site        | 485                                     |                      |                  | 1    | 2944<br>4m | 1392         | ,              |         | I           | Luis Urp            | IDNO      |  |
| 486       | 6-4-47  | 788C       | 1             | -          |             | 40                                      |                      |                  | ノ    | 2.35       | 1135         | <del></del>    |         | +           |                     |           |  |
| 487       | 6497    |            |               | ~          | SiTE        | 40                                      |                      | 1                | ~    | 2.5        | 135<br>1300  |                |         | 十           | Rodrigo<br>Fermin C | 4Brera    | <b>\</b>                               |
| <u> </u>  | 6-497   | ٠ ا        |               | ~          |             | 2 48                                    |                      |                  | 1    | 193        | 926          |                |         | T           | FAUSTO S            |           |  |
| 489       | 6-4-97  | DOM        | $\overline{}$ | 1          | STE         | 63h                                     | 1495                 | ý                | -    | 121        | 1534         | 1              |         | 1           | Jone Pa             | براداهنده |  |
| 490       | 6-4-97  |            |               |            |             | ANK                                     |                      | ١                | 1    |            |              |                |         | $\top$      | ()                  | Ang       |  |
| <u> </u>  |         |            | 1             |            | <u>~_</u>   | ~.v.~.1>                                |                      | •                | Ī    |            |              |                |         | +           | <del></del>         | ····      |  |
|           |         |            | T             |            |             |   | <del></del>          |                  | 1    |            |              |                |         | 1           |                     |           |  |
|           |         |            |               |            |             |   |                      |                  |      |            |              |                |         |             |                     |           |  |
|           |         |            |               |            | ·           |   |                      |                  |      |            |              |                |         | 十           |                     |           |  |
|           |         |            |               |            |             |   |                      |                  |      |            |              |                |         | $\top$      |                     |           |  |
|           |         |            |               |            |             |   | <u> </u>             |                  |      |            |              |                |         | $\top$      |                     |           |  |
|           |         |            | 1             |            |             | · · ·                                   | <del></del>          |                  |      |            | 1            | $\Box$         |         | $\top$      |                     |           |  |
|           |         |            |               |            |             |   |                      |                  |      |            |              |                |         | $\dashv$    | ····                |           |  |
|           |         |            |               |            |             | * |                      |                  |      |            | 1            |                |         | $\top$      |                     |           | ······································ |
| Relinquis | hed by- | Signature  | : <i>)</i>    | +          | Date        | Time                                    | Received by (Signal  | tye)             | Rel  | inquis     | طر hed       | ا<br>Sigi>ر ۲۷ | nature) |             | Date /              | Time      | Received by (Signature)                |
| [( )      | al.     | *          | -             | $- \mid e$ | c-19-97     |   | 1/1/11               | /                |      | 1          |              | 0              |         |             |                     |           |  |
| Nera      | with    | <u> </u>   |               |            |             |   | Val                  | 2                | 1    | W          | 1/1/         | he             |         |             | 06-19-97            | 1335      | Maxietin                               |
| Relinquis | shed by | (Signaturi | e)            |            | Date /      | Time                                    | Received by (Signal  | ture)            | Rel  |            |              | IY (Sigi       |         |             | Date /              | Time      | Received by (Signature)                |
| Relinquis | shed by | (Signaturi | 0)            |            | Date ,      | Time                                    | Received for Labor   | athry by         | 6    | Jů         | te /Tı       | ime<br>O 30    | Rem     | nark        | · FedEx             | ۲۷        | ο <i>φ</i>                             |
| Shipped I | by      |            |               |            |             |   | Airbill Number       | 7                |      |            |              |                |         | 人口          | スフダダン               |           | <del>-</del> (                         |
|           |         | Dis        | tribut        | ion W      | hite Accom  | panies S                                | hipment Pink to Coor | rdinator Field F | iles |            |              |                |         |             |                     |           |  |

EPA 7500-53 (11/96)

Green to Report Yellow Returns with Warrant

6- 08900

### PCM Fiber Count - NIOSH Method 7400, Revision #3, 5/89

TAT 24 Hour 6/23/97 Logged **Ecology & Environment, Inc** Client 6/23/97 6 46 AM 11550 Newcastle Ave #250 Date/Time Due Address Baton Rouge LA 70816 **Special Handling** Billing Number (504) 363 2980 Phone TX972509 Fax (504) 363 4732 WESTBANK ASBESTOS REMOVAL PROJECT / 768209 Project Sample Fibers/mm = E | Fibers/CC = C Overloaded Fields Volume (L) Sample ID Location Date Fibers 6/4/97 0 485 **SITE 485** 5 (6D 486 SITE40 6/4/97 0 16C 487 SITE 49 6/4/97 0 归 100 488 **SITE 482** 6/4/97 0 489 SITE 636 / 495 6/4/97 490 **BLANK** 6/4/97 0 5R Lab Number Sample ID Fibers Fields Fıbers/mm² Analyst QC 203496 QC 953497 QC Checks Scope Analyst Computer

EMSL Analytical Inc 2501 Central Parkway Suite C 13 Houston TX 77092

# EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn Lawrence Roedl

Ecology & Environment

11550 New Castle Avenue
Suite 250

Baton Rouge LA 70816

Monday, July 07, 1997

Ref Number IN97409

# PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #4, 8/94

### **Project 768209 WESTBANK ASBESTOS**

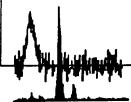
| Sample | Location  | Sample Date | Volume<br>(liters) | Fibers | Fields | L.O D<br>fib/cc | fibers/<br>mm² | fibers/cc           |
|--------|-----------|-------------|--------------------|--------|--------|-----------------|----------------|---------------------|
| 900    | SITE #503 | 6/19/97     | 1320 00            | 45     | 100    | 0 0020          | 5 73           | <lod< td=""></lod<> |
| 901    | SITE #490 | 6/19/97     | 969 00             | 0 5    | 100    | 0 0028          | 0 64           | <lod< td=""></lod<> |
| 902    | SITE #290 | 6/19/97     | 1060 00            | 00     | 100    | 0 0025          | 0              | <lod< td=""></lod<> |
| 903    | SITE #255 | 6/19/97     | 1103 00            | 0 0    | 100    | 0 0024          | 0              | <lod< td=""></lod<> |
| 904    | SITE #248 | 6/19/97     | 1320 00            | 15     | 100    | 0 0020          | 1 91           | <lod< td=""></lod<> |
| 905    | SITE #38  | 6/19/97     | 1363 00            | 0 5    | 100    | 0 0020          | 0 64           | <lod< td=""></lod<> |

BLANK ID 906

Margaret Phillips M4P

Approved Signatory





LOD = Limit of Detection The method assumes the lowest detection concentration is 7 fibers/mm2 and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non reliable. The laboratory is only responsible for fibers counted in fibers/mm, and not in fibers/cc which is dependent on volume collected by non laboratory personnel. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0)

## EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn Lawrence Roedl

Ecology & Environment

11550 New Castle Avenue
Suite 250

Baton Rouge LA 70816

Monday, July 07, 1997

Ref Number IN97409

# PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #4, 8/94

#### **Project 768209 WESTBANK ASBESTOS**

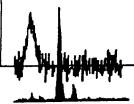
| Ì | Sample | Location | Sample Date | Volume<br>(liters) | Fibers | Fields | L.O D<br>fib/cc | fibers/<br>mm² | fibers/cc |
|---|--------|----------|-------------|--------------------|--------|--------|-----------------|----------------|-----------|
|   | 906    | BLANK    | 6/19/97     | 0 00               | 00     | 100    |                 | 0              |           |

BLANK ID 906

Margaret Phillips MAP

Analyst

Approved
Signatory



LOD = Limit of Detection The method assumes the lowest detection concentration is 7 fibers/mm2 and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non reliable. The laboratory is only responsible for fibers counted in fibers/mm and not in fibers/cc which is dependent on volume collected by non laboratory personnel. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188 0)

ENVIRONMENTAL PROTECTION AGENCY

## OFFICIAL CHAIN OF CUSTODY RECORD

| ***       | #John  |                   |              | ,            | <u> </u>                                 | MIAIN                  | OF CUST         | OD      | Y HE          | COH    | D              |                                     | 1 6.                                |
|-----------|--|-------------------|--------------|--------------|--|------------------------|-----------------|---------|---------------|--------|----------------|-------------------------------------|-------------------------------------|
| 76826     | NO   | J'este            | ANK<br>T NA  | ME<br>LASI   | BESTOS Removed Project                   | · ·                    | NO              | }       | 1 4           | /,     | $\overline{/}$ |                                     |                                     |
| SAMPLE    | is is  | raire)            |              | ſ            |  | ţ <del>,</del>         | OF<br>CON-      | ,       | / 1           |        |                |                                     | REMARKS                             |
| STA NO    | DATE   | TIME              | COMP         | GRAB         | STATION LOCATION                         |                        | TAINERS         |         |               | 2)     |                |                                     |                                     |
|           | 6-19-97  |                   |              |              | Site #503                                | 1                      | <b>l</b> -      |         | 2.75<br>lem 1 | 320    | -              |                                     | FAUSTO Ruiz                         |
| 901       | <b>ራ</b> ብ47   | 1600<br>8600      |              | /            | 490                                      |                        | ١, ١,           | /       | 3,03          | 169    |                |                                     | Gilberto Espinoza                   |
|           | 6-19-97  | ACAD .            |              | 1            | 290                                      |                        | 1               | ~       | 221           | OJG    |                |                                     | Luis Urbano "                       |
| 903       | 6-1997   | 1600              |              | 1            | as\$                                     |                        | - r             | 1       | 2295          | 103    |                |                                     | Jone Rodriguez -                    |
| 40P       |  | 1600              |              | 1            | 248                                      | , in                   | 1               | 1       | 2175<br>1970  | 320    |                |                                     | Nelson Ayestes                      |
| 905       | 6-19-97  | 0800              |              | 1            | , 38                                     |                        | <b>≫</b> \      | V       | 2,84<br>4pm   | 363    |                |                                     | Fermin Alyarado                     |
|           | 619-97   |                   |              | /            | BLANK                                    |                        | 14              | 1       |               |        |                |                                     | BLANK"                              |
| 1,        | ,  |                   |              |              | and the second                           |                        | / JR            |         |               | ,      |                |                                     | 7                                   |
| ,         |  | 7                 |              |              | ,  | i, i                   | र प             | Α,      | =             |        | -              | -                                   |                                     |
| , , ,     |  |                   |              | 1            |  | i                      | ,               |         |               |        |                |                                     |                                     |
| 1 ,       |  |                   | 1.           |              | - !                                      |                        | . 5             |         |               |        | 7              |                                     |                                     |
| 2 A 4     | *  | 7-13              |              |              | galange effe als.                        | W.                     |                 |         | , '           |        | 1              |                                     | y                                   |
| ,         | -,7  | Ŧ.,               |              | -,           | 1 5 m - 1 5 m                            | ÷.                     | -               | ٠       |               |        | 7              |                                     |                                     |
|           |  | \$                | ,            |              | <u>t</u> -                               |                        | * y             |         | ž             | `      |                | -                                   | !                                   |
|           | W  | A                 |              |              | 1  | , †<br>, p             | - J             | -       | ,             | ļ.,    |                |                                     |                                     |
| Relinquis | ر بر ک   | سير(م):           | ~            | *            | Date / Time Received by (Sig             | natūrė)                |                 | Reli    | nquish        | ed by  | (Signa         | ture)                               | Date / Time Received by (Signature) |
|           | SOL THE  |                   |              |              | 7-297 1530                               | /_                     |                 |         | 1/3           |        | hair           | - 4                                 | 01 02-47 0635                       |
| 1 1/4     | Relinquished by (Signeture) Date / Time Received by (Signeture |                   |              |              | ne ture)                                 | Relinquished by (Signa |                 |         |               | (Signa | ture) 🖫        | Pate / Time Received by (Signature) |                                     |
| Relinquis |  | 126U<br>Signature | <del>\</del> | -            | Date / Time   Received for Lab           | orator                 | y by            | -       | Date.         |        | ne             | Rema                                | irks v.                             |
| Shipped b | D.A.   |                   |              | <del>_</del> | Airbill Number                           |                        | <del></del>     | <u></u> | <i></i>       |        |                | 1 '                                 |                                     |
| 4         | -∓i  | ≠; Dis            | tributi      |              | /hite Accompanies Shipment; Pink to Co   |                        | ator Field File | 95,     | ير            |        |                | 1                                   |                                     |
| 1 504     | 7500   | ra .              |              | G            | ireen to Report; Yellow Returns with Wai | rrant                  |                 | 1       | 1 4           |        |                | -                                   | 00001                               |

₹ EPA 7500-53 (11/96) 6- 08824

# EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn Donald DeLott

Ecology & Environmental
11550 New Castle Avenue
Baton Rouge LA 70816

Friday, July 18, 1997

Ref Number IN97521

# PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #4, 8/94

#### **Project 768209 WESTBANK ASBESTOS**

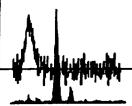
| Sample | Location  | Sample Date | Volume<br>(lıters) | Fibers | Fields | L.O D<br>fib/cc | fibers/<br>mm² | fibers/cc           |
|--------|-----------|-------------|--------------------|--------|--------|-----------------|----------------|---------------------|
| 907    | SITE #427 | 7/2/97      | 1215 00            | 0 0    | 100    | 0 002           | 0              | <lod< th=""></lod<> |
| 908    | 221/809   | 7/2/97      | 951 00             | 0 0    | 100    | 0 003           | 0              | <lod< td=""></lod<> |
| 909    | 697       | 7/2/97      | 1035 00            | 0 0    | 100    | 0 003           | 0              | <lod< td=""></lod<> |
| 910    | 555       | 7/2/97      | 1086 00            | 0 0    | 100    | 0 003           | 0              | <lod< td=""></lod<> |
| 911    | 540       | 7/2/97      | 1025 00            | 0 0    | 100    | 0 003           | 0              | <lod< td=""></lod<> |
| 912    | 219       | 7/2/97      | 1318 00            | 00     | 100    | 0 002           | 0              | <lod< td=""></lod<> |

BLANK ID 913

Jane Wasilewski

**Analyst** 

Approved
Signatory



LOD = Limit of Detection The method assumes the lowest detection concentration is 7 fibers/mm2 and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non reliable. The laboratory is only responsible for fibers counted in fibers/mm² and not in fibers/cc which is dependent on volume collected by non laboratory personnel. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0)

## EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn Donald DeLott

Ecology & Environmental
11550 New Castle Avenue
Baton Rouge LA 70816

Friday, July 18, 1997

Ref Number IN97521

# PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #4, 8/94

#### **Project 768209 WESTBANK ASBESTOS**

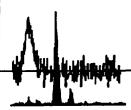
| Sample | Location | Sample Date | Volume<br>(liters) | Fields | L O D<br>fib/cc | fibers/<br>mm² | fibers/cc |  |
|--------|----------|-------------|--------------------|--------|-----------------|----------------|-----------|--|
| 913    | BLANK    | 7/2/97      | 0 00               | 0 0    | 100             |                | 0         |  |

BLANK ID 913

Jane Wasilewski

**Analyst** 

Approved Signatory



LOD = Limit of Detection The method assumes the lowest detection concentration is 7 fibers/mm2 and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non reliable. The laboratory is only responsible for fibers counted in fibers/mm² and not in fibers/cc which is dependent on volume collected by non laboratory personnel. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188.0)

2

## PCM Fiber Count - NIOSH Method 7400, Revision #4, 8/94

| Client                  | Ecolo          | gy & Environmental                            |                | Logg        | ed 7/       | 17/97      | TAT            | 1 Day                    |  |  |
|-------------------------|----------------|---|----------------|-------------|-------------|------------|----------------|--------------------------|--|--|
| Address                 |                | New Castle Avenue<br>Rouge LA 70816           | Dat            | e/Time D    | ue 7/       | 18/97 9 3  | 30 AM          |                          |  |  |
| Phone<br>Fax<br>Project | (504)<br>(504) | 291 - 4698<br>363 4732<br>9 WESTBANK ASBESTOS |                |             | )<br>;<br>; | Special    | Handling       | Billing Number           |  |  |
| Samp                    | ole ID         | Location                                      | Sample<br>Date | #<br>Fibers | #<br>Fields | Volume (L) | Fibers/mm² = E | Fibers/CC = C Overloaded |  |  |
| 907                     |                | SITE #427                                     | 7/2/97         | $\Diamond$  | <br>100     | 1215       |                |                          |  |  |
| 908                     |                | 221/809                                       | 7/2/97         | ـ<br>ا ن    | 100         | 951        |                |                          |  |  |
| 909                     |                | 697   | 7/2/97         | ر           | 100         | 1035       | 1              |                          |  |  |
| 910                     |                | 555   | 7/2/97         | ()          | 100         | 1086       |                |                          |  |  |
| 911                     |                | 540   | 7/2/97         | _           | 100         | 1025       |                |                          |  |  |
| 912                     |                | 219   | 7/2/97         |             | 100         | 1318       |                |                          |  |  |
| 913                     |                | BLANK   | 7/2/97         | 0_          | 10          | 0          | -              |                          |  |  |

|           | Lab Number    | Sample ID | # #<br>Fibers Fields | Fibers/mm² | Analyst |
|-----------|---------------|-----------|----------------------|------------|---------|
| QC        | <del></del> - | !         |                      |            |         |
| QC        |               |           | 1                    |            |         |
| QC Checks |               |           | , /                  | Scope      |         |
| Analyst   | P             | The Co    | 7/18/97              | Computer   |         |

## OFFICIAL CHAIN OF CUSTODY RECORD

| PROJ I   | 10       | DO IEC       | A IA T   | ME     |            |                   |                         | <del>                                     </del> |            |              |       | 7         |   |     | 7 7 7       | 7       |                                       |
|--|----------|--------------|----------|--------|------------|-------------------|-------------------------|--|------------|--------------|-------|-----------|---|-----|-------------|---------|---------------------------------------|
| [  |          |              |          |        |            |                   |                         |  |            |              |       | ///       | /   |     |             |         |                                       |
| 768209 West BANK ASBESTOS REMOVAL PROTECT                                    |          |              |          |        |            | NO                | /Q/a                    |  |            |              |       | / ,       | / / /   |     |             |         |                                       |
| Consulal Dio Fatt  |          |              |          |        | OF         | OF J              |                         |  |            |              |       |           |   |     |             |         |                                       |
| *  |          | لصل          | K *      |        | 0 000      | $\mathcal{Q}_{-}$ |                         | CON  |            | $/_{st}$     |       | 7 59      | /   | / / | / /         |         | REMARKS                               |
| STA NO   | DATE     | TIME         | COMP     | GRAB   |            | STATIO            | N LOCATION              | TAINERS  | 1344       |              |       |           |   |     |             |         |                                       |
| 907  | 7-2-97   | 9820         |          | 1      | Sit        | e # 1             | 127                     | \_\_   | /          | 2.53         | iais  |           |   |     | Luis Ur     | BANE    | )                                     |
| 908  | 7-297    | 0480         |          | 1      |            | aails             |                         | 1  | /          | 1,183        | 951   |           |   |     | Gilberto :  | Espinez | z                                     |
| 909  | 7-297    |              |          | V      | 4          | ,97               |                         | 1  | <u>V</u> _ | 21156        | 1835  |           |   |     | MAR'O DI    | AZ      |                                       |
| 910  | 7397     |              |          | V      |            | 55.5              |                         | 1  | <u>J</u> _ | 1.263        | 1086  |           |   |     | Jose Rey    | NASA    |                                       |
| 911  | 7-297    | 1000<br>0800 |          | 1      |            | 540               |                         | 1_1_   | V          | 3.134        | 10.15 |           |   |     | Ricky E     | hrhand  |                                       |
| 912  | 7-2-97   | 1600         |          | ~      |            | 219               |                         |  | 1          | 2,746<br>Jen | 1318  |           |   |     | MArce (     | -       | ies                                   |
| 913  | 7-297    | 1660         |          | ~      | B          | WANK              | ,                       |  | 1          | <u>'</u>     |       |           |   |     | <del></del> |         |                                       |
|  |          | <u></u>      |          |        |            |                   |                         |  |            |              |       |           |   |     | <del></del> |         |                                       |
|  |          |              |          |        |            |                   |                         |  |            |              | _     |           |   |     |             |         |                                       |
|  |          |              | <u> </u> |        |            |                   |                         |  |            |              |       |           |   |     |             |         |                                       |
|  |          |              |          |        |            |                   |                         |  |            |              |       |           |   |     |             |         |                                       |
|  |          |              |          |        |            |                   |                         |  |            |              |       |           |   |     |             |         |                                       |
|  |          |              |          |        |            |                   |                         |  |            |              |       |           |   |     |             |         |                                       |
|  |          |              |          |        |            |                   |                         |  |            |              |       |           |   |     |             |         |                                       |
| ļ  |          |              |          |        |            |                   |                         |  |            | 1            |       |           |   |     | <del></del> |         | · · · · · · · · · · · · · · · · · · · |
| Relinquisi   | ned by / | Signature    | 1        |        | Date       | /Time             | Received by (Signature  | <del>)</del>                                     | Reli       | nquis        | hed b | Y . ISign | ature   | ,   | Date        | / Time  | Received by (Signature)               |
| Donal  | allo     | ton          | 7        | -      | 1-15-97    | L                 | Tell for                |  | 2          | Til.         |       | la        |   |     | 07-16-97    |         | Koef Shim                             |
| Relinguish   | ned by   | Signature    | )        |        | Date       | /Time             | Received by (Signature  | ,  | Reli       | nquis        | hed b | y (Sign   | ature   | )   | Date        | /Time   | Received by (Signature)               |
| Keef Show 7-16-97 1703 6/H 7/171   |          |              |          | 1/17 9 | DU.        | 417               |                         |  |            |              |       |           |   |     |             |         |                                       |
| Relinquished by (Signature)  Date / Time Received for Laborators (Signature) |          |              |          |        | ry by      | Date / Time       |                         |  |            |              | emark | <u> </u>  | . <u>.                                   </u> |     |             |         |                                       |
| Shipped b  | у        |              |          |        |            |                   | Airbill Number          |  |            |              |       |           |   |     |             |         |                                       |
|  |          | Dist         | ributi   | on W   | hite Accom | panies SI         | nipment Pink to Coordin | ator Field Fil                                   | es         |              |       | <b></b> _ |   |     |             |         |                                       |

EPA 7500-53

Green to Report Yellow Returns with Warrant

6- 08825

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn Donald/Jeffrey

Ecology & Environmental
11550 New Castle Avenue
Baton Rouge LA 70816

Wednesday, August 27, 1997

Ref Number IN97906

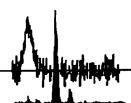
# PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #4, 8/94

#### Project 020601 RAGI WESTBANK ASBESTOS

| Location      | Sample Date                                   | Volume<br>(liters)                                  | Fibers  | Fields   | L.O D<br>fib/cc  | fibers/<br>mm²  | fibers/cc   |
|---------------|---|---|---|--|--|---|---|
| SITE #1057    | 8/8/97  | 1076 00   | 0.0   | 100  | 0 003  | 0   | <lod< td=""></lod<>   |
| SITE #906     | 8/8/97  | 546 00  | 30  | 100  | 0 005  | 3 82  | <lod< td=""></lod<>   |
| SITE #357     | 8/8/97  | 542 00  | 00  | 100  | 0 005  | 0   | <lod< td=""></lod<>   |
| SITE #54      | 8/8/97  | 1095 00   | 00  | 100  | 0 003  | 0   | <lod< td=""></lod<>   |
| SITE #184/186 | 8/8/97  | 1184 00   | 00  | 100  | 0 002  | 0   | <lod< td=""></lod<>   |
| SITE #994     | 8/8/97  | 889 00  | 10  | 100  | 0 003  | 1 27  | <lod< td=""></lod<>   |
|               | SITE #906  SITE #357  SITE #54  SITE #184/186 | SITE #906 8/8/97  SITE #357 8/8/97  SITE #54 8/8/97 | SITE #906 8/8/97 546 00  SITE #357 8/8/97 542 00  SITE #54 8/8/97 1095 00  SITE #184/186 8/8/97 1184 00 | SITE #906       8/8/97       546 00       3 0         SITE #357       8/8/97       542 00       0 0         SITE #54       8/8/97       1095 00       0 0         SITE #184/186       8/8/97       1184 00       0 0 | SITE #906       8/8/97       546 00       3 0       100         SITE #357       8/8/97       542 00       0 0       100         SITE #54       8/8/97       1095 00       0 0       100         SITE #184/186       8/8/97       1184 00       0 0       100 | SITE #906 8/8/97 546 00 3 0 100 0 005  SITE #357 8/8/97 542 00 0 0 100 0 005  SITE #54 8/8/97 1095 00 0 0 100 0 003  SITE #184/186 8/8/97 1184 00 0 0 100 0 002 | SITE #906     8/8/97     546 00     3 0     100     0 005     3 82       SITE #357     8/8/97     542 00     0 0     100     0 005     0       SITE #54     8/8/97     1095 00     0 0     100     0 003     0       SITE #184/186     8/8/97     1184 00     0 0     100     0 002     0 |

Jane Wasilewski 🎞 🗡

Approved Signatory



LOD = Limit of Detection The method assumes the lowest detection concentration is 7 fibers/mm2 and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non reliable. The laboratory is only responsible for fibers counted in fibers/mm² and not in fibers/cc which is dependent on volume collected by non laboratory personnel. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0)

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn Donald/Jeffrey

Ecology & Environmental
11550 New Castle Avenue
Baton Rouge LA 70816

Wednesday, August 27, 1997

Ref Number IN97906

## PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #4, 8/94

### Project 020601 RAGI WESTBANK ASBESTOS

| Sample | Location  | Sample Date | Volume<br>(liters) | Fibers | Fields | L O D<br>fib/cc | fibers/<br>mm² | fibers/cc |
|--------|-----------|-------------|--------------------|--------|--------|-----------------|----------------|-----------|
| 906    | SITE #671 | 8/8/97      | 544 00             |        |        | Filter Was      | Blown          |           |
| 910    | BLANK     | 8/8/97      | 0 00               | 00     | 100    |                 | 0              |           |

Jane Wasılewskı

**Analyst** 

Approved Signatory

LOD = Limit of Detection The method assumes the lowest detection concentration is 7 fibers/mm2 and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non reliable. The laboratory is only responsible for fibers counted in fibers/mm. and not in fibers/cc which is dependent on volume collected by non laboratory personnel. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0)

2



### PCM Fiber Count - NIOSH Method 7400, Revision #4, 8/94

| Client       | Ecology & Environmental                         |      |               | Logg        | ged 8/      | 26/97      | TAT            | 1 Day         |               |
|--------------|---|------|---------------|-------------|-------------|------------|----------------|---------------|---------------|
| Address      | 11550 New Castle Avenue<br>Baton Rouge LA 70816 |      | Da            | ate/Time [  | Due 8/      | 27/97 9 (  | MA 00          |               |               |
| Phone<br>Fax | (504) 291 - 4698<br>(504) 363 - 4732            |      |               |             |             | Special    | Handling       | _             | Number 197906 |
| Project      | 020601 RAGI WESTBANK ASBES                      | STOS |               |             |             |            |                |               |               |
| Samp         | le ID Location                                  |      | ample<br>Date | #<br>Fibers | #<br>Fields | Volume (L) | Fibers/mm² = E | Fibers/CC = C | Overloaded ,  |
| 900          | SITE #1057                                      | 8    | /8/97         | 0           | 100         | 1076       | 1              |               |               |
| 901          | SITE #906                                       | 8.   | /8/97         | ·····-      |             | 546        |                |               |               |
| 902          | SITE #357                                       | 8    | /8/97         | 3           | 100         | 542        | -              |               | -             |
| 903          | SITE #54  | 8    | /8/97         | - ()        | 100         | 1095       | 1              |               |               |
| 904<br>D&    | SITE #184/186                                   | 8/   | /8/97         | o<br>O      | 100         | 1184       |                |               |               |
| 905          | SITE #994                                       | 8/   | 18/97         | /           | 100         | 889        |                |               |               |
| 906          | SITE #671                                       | 8/   | 8/97          | VO 17       | F. l.       | her 544    |                |               |               |
| 910          | BLANK   | 8/   | 8/97          | 0           | 100         | 0          |                | ** <u>*</u>   |               |
|              |   |      |               |             |             |            |                |               |               |

|        | Lab Number | Sample ID | # #<br>Fibers Fields | Fibers/mm² | Analyst |
|--------|------------|-----------|----------------------|------------|---------|
| QC     | ı          |           | ,                    |            |         |
| QC     |            |           |                      |            |         |
| Checks | -          | -         |                      | Scope      |         |

QC Checks

Analyst

8/27/97

Scope

OFFICIAL
CHAIN OF CUSTODY RECORD

PROJECT NAME PROJ NO WESTBANK ASRPTTOS REMOVAL PROJECT 768209 NO SAMPLERS (Signature) OF REMARKS CON TAINERS STATION LOCATION DATE TIME STA NO 1630 211 Site # 105 Carlos Miranda 1076 8-8-97 900 LPM 0800 1010 Sergio SAGASTUME 906 900 8897 1030 LPM 1 063 0880 LPM 542 902 8897 1630 2 148 1075 9800 MARIO DIAZ 8897 1630 903 40 13/1184 8880 8897 1630 184/186 904 8-897 1630 887 905 Leonardo Avila LPM. 8897 1630 1067 544 906 Luis Dr BAND 910 8-892 Date / Time Relinquished by Bignarure) Relinquished by (Signature) Received by (Signature) Date / Time Received by (Signature) . 08-25-92 164 OF-25-97 073V Date / Time Date / Time Received by (Signature) Relinquished by (Signature) Received by (Signature) Relinquished by (Signature) 1700 8/15/17 Date / Time Date / Time Remarks Relinquished by (Signature) Received for Laboratory by (Signature) Shipped by Airbill Number Distribution White Accompanies Shipment Pink to Coordinator Field Files

EPA 7500-53 (11/96)

Green to Report Yellow Returns with Warrant

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn Christopher Sansone **Ecology & Environmental** 11550 New Castle Avenue Baton Rouge LA 70816

Wednesday, September 17, 1997

Ref Number IN971100

## PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #4, 8/94

### Project 768209 WESTBANK ASBESTOS REMOVAL PROJECT

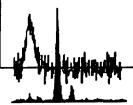
| Sample | Location  | Sample Date | Volume<br>(liters) | Fibers | Fields | LOD<br>fib/cc | fibers/<br>mm² | fibers/cc           |
|--------|-----------|-------------|--------------------|--------|--------|---------------|----------------|---------------------|
| 900    | SITE 1231 | 9/12/97     | 1191 80            | 3 0    | 100    | 0 002         | 3 82           | <lod< td=""></lod<> |
| 901    | SITE 910  | 9/12/97     | 1228 50            | 0 0    | 100    | 0 002         | 0              | <lod< td=""></lod<> |
| 902    | SITE 1110 | 9/12/97     | 1161 50            | 6 0    | 100    | 0 002         | 7 64           | 0 003               |
| 903    | SITE 1273 | 9/12/97     | 1047 00            | 0.0    | 100    | 0 003         | 0              | <lod< td=""></lod<> |
| 906    | BLANK     | 9/12/97     | 0 00               | 0.0    | 100    |               | o              |                     |

Margaret Phillips

ner

**Analyst** 

Approved Signatory



LOD = Limit of Detection The method assumes the lowest detection concentration is 7 fibers/mm2 and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non reliable. The laboratory is only responsible for fibers counted in fibers/mm² and not in fibers/cc which is dependent on volume collected by non laboratory personnel. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188 0)

### PCM Fiber Count - NIOSH Method 7400, Revision #4, 8/94

| Ecology & Environmental   |   | Logg  | ged 9  | /16/97   | TAT   | 1 Day   |  |
|---|---|---|--|--|---|---|--|
| 11550 New Castle Avenue<br>Baton Rouge LA 70816                   | Dat   | e/Time [  | Oue 9/   | /17/97 10  | 05 AM   | <del></del>   |  |
| (504) 291 4698<br>(504) 363 - 4732<br>768209 WESTBANK ASBESTOS RE | MOVAL PROJECT   |   |  | Special  | Handling  | _   | Number<br>71100  |
| le ID Location  | Sample<br>Date  | #<br>Fibers   | #<br>Fields  | Volume (L)   | Fibers/mm² = E  | Fibers/CC = C   | Overloaded   |
| SITE 1231   | 9/12/97   | 3   | 100  | 1191 8   | 1   |   | ,  |
| SITE 910  | 9/12/97   | 0   | 100  | 1228 5   |   |   |  |
| SITE 1110   | 9/12/97   | 6   | /∞   | 1161 5   | _   | 1   |  |
| SITE 1273   | 9/12/97   | 0   | 100  | 1047   |   | 1   |  |
| BLANK   | 9/12/97   | 0   | 100  | 0  |   |   |  |
|   | 11550 New Castle Avenue Baton Rouge LA 70816  (504) 291 4698 (504) 363 - 4732  768209 WESTBANK ASBESTOS RE  Location  SITE 1231  SITE 910  SITE 1110  SITE 1273 | 11550 New Castle Avenue Baton Rouge LA 70816  (504) 291 4698 (504) 363 - 4732  768209 WESTBANK ASBESTOS REMOVAL PROJECT Be ID Location Sample Date  SITE 1231 9/12/97  SITE 1110 9/12/97  SITE 1110 9/12/97 | 11550 New Castle Avenue Baton Rouge LA 70816  (504) 291 4698 (504) 363 - 4732  768209 WESTBANK ASBESTOS REMOVAL PROJECT  Location Sample # Fibers  SITE 1231 9/12/97  SITE 1110 9/12/97  SITE 1273 9/12/97 | 11550 New Castle Avenue Baton Rouge LA 70816  (504) 291 4698 (504) 363 - 4732  768209 WESTBANK ASBESTOS REMOVAL PROJECT  Location  Sample # # Fibers Fields  SITE 1231  9/12/97  SITE 1110  9/12/97  SITE 1273  9/12/97  Date  Date  Date  Fibers  Fields  0 100  BLANK  9/12/97 | 11550 New Castle Avenue Baton Rouge LA 70816  Special (504) 291 4698 (504) 363 - 4732  768209 WESTBANK ASBESTOS REMOVAL PROJECT  SITE 1231  SITE 1231  SITE 910  SITE 910  SITE 1110  9/12/97  SITE 1273  9/12/97  SITE 1273  9/12/97  1047  0 /00  BLANK  9/12/97  0 /00 | 11550 New Castle Avenue Baton Rouge LA 70816  Special Handling  (504) 291 4698 (504) 363 - 4732  768209 WESTBANK ASBESTOS REMOVAL PROJECT  Ile ID Location Sample pate Fibers Fields Volume (L) Fibers/mm² = E  SITE 1231 9/12/97 1191 8  SITE 910 9/12/97 1161 5  SITE 1110 9/12/97 1161 5  SITE 1273 9/12/97 0 1047  O 100  BLANK 9/12/97 0 0 | 11550 New Castle Avenue Baton Rouge LA 70816    Special Handling   Billing |

| Lab Number         | Sample ID | #<br>Fibers | #<br>Fields | Fibers/mm² | Analyst |
|--------------------|-----------|-------------|-------------|------------|---------|
| QC                 |           |             |             |            |         |
| QC                 |           |             |             | 1          |         |
| C Checks           |           |             |             | Scope      |         |
| Analyst Margaret 3 | Phillpo   |             |             | Computer   |         |

EMSL Analytical Inc 6330 E 75th St Indianapolis IN 46250

OFFICIAL
CHAIN OF CUSTODY RECORD

| PROJ       | NO I    | PROJEC               | T NA          | ME       | <del></del> | ^           |                                    |                |              |                    |                            | 7         |        |      | ///                                   | 7      |                         |
|------------|---------|----------------------|---------------|----------|-------------|-------------|------------------------------------|----------------|--------------|--------------------|----------------------------|-----------|--------|------|---------------------------------------|--------|-------------------------|
| 76826      | 99      | westb                | ank           | . As     | Bestos      | Kemo        | ual Project                        | NO             |              |                    |                            |           |        |      | ///                                   |        |                         |
| SAMPLER    |         | ture)                | $\overline{}$ | 1        |             |             |                                    | OF             |              | /                  | /29                        | <i>"!</i> | \e/    |      | / / /                                 |        |                         |
|            | mal     | ell                  | Lo            | KG       |             |             | _                                  | CON            |              |                    | $\mathcal{T}_{\mathbf{Q}}$ | 95        | \$     | / ,  | //                                    |        | REMARKS                 |
| STA NO     | DATE    | TIME                 | COMP          | GRAB     |             | STATIO      | N LOCATION                         | TAINERS        |              |                    | 23/<br>25/                 |           |        |      |                                       |        |                         |
| 900        | 9-1297  | 0730                 |               | <b>V</b> | Sit         | e 123       | 31                                 | 1              | $\checkmark$ | 2 207              | 1191.                      |           |        |      | Carlos                                | Mire   | anda                    |
| 901        | 9-12-97 | 073 <i>0</i><br>1430 |               | <u> </u> |             | 916         |                                    |                | <u> </u>     | 2375<br>151<br>16m | 1228                       |           |        |      | Ramon                                 |        | <u>Z</u>                |
| 902        | 9 1297  | 0730                 |               | /        |             | 111         | OC                                 | 1              | <b>V</b>     | 2 151<br>John      | 11613                      |           |        |      | JUAN                                  |        | no                      |
| 903        | 9-1297  | 1630                 |               | 1        |             | 127         | 3                                  | \              | V            | 400                | 1047                       |           |        |      | Leonard                               |        | vila                    |
| 904        |         |                      |               |          |             | KOV         | $\equiv \mathcal{D}$               |                |              |                    |                            |           |        |      |                                       |        |                         |
| 905        |         |                      |               |          |             | LOV         | D                                  |                |              |                    |                            |           |        |      |                                       |        |                         |
| 90le       |         |                      |               |          | (           | Bhan        |                                    | \              |              |                    |                            |           |        |      | BLAI                                  | UR     |                         |
|            |         |                      |               |          |             |             | _                                  |                |              |                    |                            |           |        |      |                                       |        |                         |
|            |         |                      |               |          |             |             |                                    |                |              |                    |                            |           |        |      |                                       |        |                         |
|            |         |                      |               |          |             |             |                                    |                |              |                    |                            |           |        |      |                                       |        |                         |
|            |         |                      |               |          |             |             |                                    |                |              |                    |                            |           |        |      |                                       |        |                         |
|            |         |                      |               |          |             |             |                                    |                |              |                    |                            |           |        |      |                                       |        |                         |
|            |         |                      |               |          |             |             |                                    |                |              |                    |                            |           |        |      | ·                                     |        |                         |
|            |         |                      |               |          |             |             |                                    |                |              |                    |                            |           |        |      |                                       |        |                         |
|            |         |                      |               |          |             | <del></del> |                                    |                |              |                    |                            |           |        |      | · · · · · · · · · · · · · · · · · · · |        |                         |
| Relinquisi | hed bx  | Signature            | )             | $\top$   | Date        | Time        | Received by (Signature             | ,              | Reli         | nquis              | hed t                      | V (Sig    | patue  | +    | Date                                  | / Time | Received by (Signature) |
| Dona       | ON D    | RAT                  | -             | 6        | 1-1597      | 1338        | Alle                               | _              | _            | 1                  |                            |           |        |      | 50.00                                 | ]      |                         |
| Relinquis  |         | (Signature           | ·/            |          |             | L           | Received by, (Signature)           |                | Reli         | nguisi             | hed b                      | y (Sigi   | nature | ,    | 09-15-17<br>Date                      | / Time | Received by (Signature) |
|            | - ·     |                      |               | <u></u>  |             |             | Ataud                              | 9/16           | 1            | 7                  |                            | AN        |        |      |                                       |        |                         |
| Relinquis  | hed by  | (Signature           | )             |          | Date ,      | /Time       | Received for Laborator (Signature) | y by           |              | Dat                | e /Tı                      | me        | Re     | mark | (\$                                   |        |                         |
| Shipped b  | у       |                      |               |          |             |             | Airbill Number                     |                |              |                    |                            |           |        |      |                                       |        |                         |
| ,          |         | Dist                 | tributi       |          |             |             | hipment Pink to Coordina           | ator Field Fil | e <b>s</b>   |                    |                            |           |        |      |                                       |        |                         |

EPA 7500-53 (11/96)

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn Christopher Sansone **Ecology & Environmental** 11550 New Castle Avenue Baton Rouge LA 70816

Thursday, September 18, 1997

Ref Number IN971118

# PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #4, 8/94

#### Project 020601 WESTBANK ASBESTOS

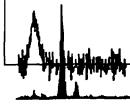
| Sample | Location  | Sample Date | Volume<br>(liters) | Fibers | Fields | L O D<br>fib/cc | fibers/<br>mm² | fibers/cc           |
|--------|-----------|-------------|--------------------|--------|--------|-----------------|----------------|---------------------|
| 907    | SITE 1118 | 9/16/97     | 811 90             | 0 0    | 100    | 0 003           | 0              | <lod< td=""></lod<> |
| 908    | SITE 1260 | 9/16/97     | 1147 00            | 0.5    | 100    | 0 002           | 0 64           | <lod< td=""></lod<> |
| 909    | SITE 1385 | 9/16/97     | 1107 00            | 00     | 100    | 0 002           | 0              | <lod< td=""></lod<> |
| 910    | SITE 1199 | 9/16/97     | 1022 00            | 00     | 100    | 0 003           | 0              | <lod< td=""></lod<> |
| 911    | SITE 1234 | 9/16/97     | 1103 00            | 10     | 100    | 0 002           | 1 27           | <lod< td=""></lod<> |
| 912    | SITE 1161 | 9/16/97     | 1127 00            | 10     | 100    | 0 002           | 1 27           | <lod< td=""></lod<> |
|        |           |             |                    | ┵      | L      |                 |                |                     |

Jane Wasilewski

**Analyst** 

Approved Signatory

LOD = Limit of Detection The method assumes the lowest detection concentration is 7 fibers/mm2 and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non reliable. The laboratory is only responsible for fibers counted in fibers/mm, and not in fibers/cc which is dependent on volume collected by non laboratory personnel. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0)



6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn Christopher Sansone Ecology & Environmental 11550 New Castle Avenue Baton Rouge LA 70816

Thursday, September 18, 1997

Ref Number IN971118

# PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #4, 8/94

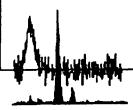
#### Project 020601 WESTBANK ASBESTOS

| Sample | Location | Sample Date | Volume<br>(liters) | Fibers | Fields | L O D<br>fib/cc | fibers/<br>mm² | fibers/cc |
|--------|----------|-------------|--------------------|--------|--------|-----------------|----------------|-----------|
| 913    | BLANK    | 9/16/97     | 0 00               | 0 0    | 100    |                 | 0              |           |
|        |          |             |                    |        |        |                 |                |           |

Jane Wasılewskı

**Analyst** 

Approved Signatory



### PCM Fiber Count - NIOSH Method 7400, Revision #4, 8/94

| Client  | Ecology & Environmental                         |                     | Logged             | 9/17/97      | TAT            | 1 Day         |            |
|---------|---|---------------------|--------------------|--------------|----------------|---------------|------------|
| Address | 11550 New Castle Avenue<br>Baton Rouge LA 70816 | Date/Tii            | me Due             | 9/18/97 10   | 00 AM          |               |            |
| Phone   | (504) 291 4698                                  |                     | t<br>I             | Special      | Handling       | Billing       | Number     |
| Fax     | (504) 363 - 4833                                |                     |                    |              |                | IN9           | 71118      |
| Project | 020601 WESTBANK ASBESTOS                        |                     |                    |              |                |               |            |
| Samp    | le ID Location                                  |                     | # #<br>bers Fields | S Volume (L) | Fibers/mm² = E | Fibers/CC = C | Overloaded |
| 907     | SITE 1118                                       | 9/16/97             | 0100               | 811 9        | 1              |               |            |
| 908     | SITE 1260                                       | 9/16/97             | 5 10               | 0 1147       |                |               | !<br>      |
| 909     | SITE 1385                                       | 9/16/97             | 2 100              | 1107         |                | 1             |            |
| 910     | SITE 1199                                       | 9/16/97<br><i>C</i> | 0 10               | 1022<br>C    |                |               |            |
| 911     | SITE 1234                                       | 9/16/97             | 1 100              | 1103         |                |               |            |
| 912     | SITE 1161                                       | 9/16/97             | 1 100              | 1127         |                |               |            |
| 913     | BLANK   | 9/16/97             | 5/6                | 0            |                |               |            |
|         |   |                     |                    |              |                |               |            |

| Lab Nun | ber Sample ID | # #<br>Fibers Fields | Fibers/mm² | Analyst |
|---------|---------------|----------------------|------------|---------|
| QC      |               |                      |            |         |
| QC      |               |                      |            |         |
| Checks  |               | _ / /                | Scope      |         |
| Analyst | 1 1/1         | 7/18/97              | Computer   |         |

EMSL Analytical Inc 6330 E 75th St Indianapolis IN 46250

### OFFICIAL CHAIN OF CUSTODY RECORD

| PROJ N  | 10  | ROJEC                        | ΓNA    | ME       |                  |                                    |                |     | ~         |  | 7 7                                     | 7           | 7    | ///          | 7      | <del></del> | <del></del> |
|---|---|------------------------------|--------|----------|------------------|------------------------------------|----------------|-----|-----------|--|---|-------------|------|--------------|--------|-------------|-------------|
|   |   |                              |        |          | Asbestos         |                                    | NO             |     |           | /                                      |   | //          | / /  | ///          |        |             |             |
| 020601<br>SAMPKER   | S ISIGN   |                              | St B   | un<br>1  | YNDESTO2         | <del></del>                        | 1              |     |           | \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ | )/s/                                    |             | / /  | / /          |        |             |             |
| 1 1   | 1   | . 1                          | ()     | ¥        | <del></del>      | <u> </u>                           | OF             |     |           | 2/2                                    |   | ¥ &I        | / /  |              |        | 25114 840   |             |
|   | pha   | ldl                          | 7      | V        |                  |                                    | CON            |     | / 4       | ///                                    | / 3                                     | <b>3</b>    | / /  |              |        | REMARKS     |             |
| STA NO  | DATE<br>1997  | TIME                         | COMP   | GRAB     | STATIC           | ON LOCATION                        | TAINERS        |     | 2/<br>2// | £3/.                                   | 1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | <b>*</b> // |      |              |        |             |             |
| 907   | 9-16  | 1400                         |        | <b>√</b> | Site             | 1118                               | \              | /   | 814.51    | જ્ઞાન                                  | 1.587                                   |             | m    | notin (      | 90102/ | 4)06        |             |
| 908   | ع١-٩  | 1400                         |        | <b>✓</b> |                  | 1260                               | 1_1_           | /   | 1147      | 1147                                   | 3.150                                   |             | - 1  | uman         | Ruis   | 2           |             |
| 909   | 9-16  | 1400                         |        | <b>~</b> |                  | 1385                               |                | V   | 1 1       | l l                                    | גדו ג                                   |             |      |              |        |             |             |
| 910   | 9-16  | 0730                         |        | ./       |                  | 1199                               | l              | V   |           |  | 2004                                    |             | Fe   | Sorge Permin | Alva   | rada        |             |
| 911   | 9-16  | 0730                         |        |          |                  | 1234                               |                | V   | 1 1       | 1                                      | 2 1LH                                   |             |      | austo f      |        |             |             |
| 912   | 9-16  | 0730<br>1600<br>0730<br>1600 |        |          |                  | 1161                               | l              | 1   | 1.7       | 1127                                   | 2.210                                   |             |      | Felipe !     |        |             |             |
| 913   | 9-16  |                              | Bho    | an K     | l                | /                                  | 1              |     |           |  |   | •           |      |              |        |             |             |
|   |   |                              |        |          |                  | ▼.                                 |                |     |           |  |   |             |      |              |        |             |             |
|   |   |                              |        |          |                  |                                    |                |     |           |  |   |             |      |              |        |             |             |
|   |   |                              |        |          |                  |                                    |                |     |           |  |   |             |      |              |        |             |             |
|   |   |                              |        |          |                  |                                    |                |     |           |  |   |             |      |              |        |             |             |
|   |   |                              |        |          |                  |                                    |                |     |           |  |   |             |      |              |        |             |             |
|   |   |                              |        |          |                  |                                    |                |     |           |  |   |             |      |              |        |             |             |
|   |   |                              |        |          |                  |                                    |                |     |           |  |   |             |      |              |        |             |             |
|   |   |                              |        |          |                  |                                    |                |     |           |  |   |             |      |              |        |             |             |
| Rehaquish   | ethoquished by (signafure) Date / Time Received by (Signa       |                              |        |          |                  |                                    |                | Rel | linguis   | hed b                                  | y (Signi                                | áture)      |      | Date /       | Time   | Received by | (Signature) |
| Der   | ) enal (18 9-16-97 1739 INTO FED-EX                             |                              |        |          |                  |                                    |                |     | 7         |  |   |             |      | į            |        |             |             |
| Relinquist  | telinquished by (Signature) Date / Time Received by (Signature) |                              |        |          |                  |                                    | , /            | Rel | inquis    | hed b                                  | y (Signa                                | ature)      |      | Date /       | Time   | Received by | (Signature) |
|   | Stad  |                              |        |          |                  |                                    |                | 67  |           | ANI                                    |   |             |      |              |        |             |             |
| Relinquished by (Signature)  Date / Time Received for Laboral (Signature) |   |                              |        |          |                  | Received for Laborator (Signature) | ry by          |     |           | te / Tı                                |   | Rem         | arks |              |        |             |             |
| Shipped b   | Shipped by FED EX. Airbill Number                               |                              |        |          |                  |                                    |                |     |           |  |   |             |      |              |        |             |             |
| •   |   | Dist                         | rıbutı | on W     | hite Accompanies | Shipment Pink to Coordin           | ator Field Fil | les |           |  |   |             |      |              |        |             |             |

EPA 7500-53

Green to Report Yellow Returns with Warrant

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn Chris Sasone

Ecology & Environment

11550 New Castle Avenue
Baton Rouge LA 70816

Friday, October 24, 1997

Ref Number IN971449

## PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #4, 8/94

### **Project WESTBANK ASBESTOS**

| Sample | Location  | Sample Date | Volume<br>(liters) | Fibers | Fields | L O D<br>fib/cc | fibers/<br>mm² | fibers/cc           |
|--------|-----------|-------------|--------------------|--------|--------|-----------------|----------------|---------------------|
| 1257   | 1420      | 10/16/97    | 1125 00            | 00     | 100    | 0 002           | 0              | <lod< td=""></lod<> |
| 1258   | 1420      | 10/16/97    | 1276 00            | 0 0    | 100    | 0 002           | 0              | <lod< td=""></lod<> |
| 1259   | 1171      | 10/16/97    | 1248 00            | 0.0    | 100    | 0 002           | 0              | <lod< td=""></lod<> |
| 1260   | 975       | 10/16/97    | 1198 00            | 0.0    | 100    | 0 002           | 0              | <lod< td=""></lod<> |
| 1261   | 1277/1448 | 10/16/97    | 1159 00            | 00     | 100    | 0 002           | 0              | <lod< td=""></lod<> |
| 1262   | 1277/1440 | 10/16/97    | 1142 00            | 00     | 100    | 0 002           | 0              | <lod< td=""></lod<> |

BLANK ID 1263

Jane Wasilewski 灰

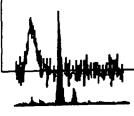
**Analyst** 

Approved (

Signatory

LOD = Limit of Detection The method assumes the lowest detection concentration is 7 fibers/mm2 and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non reliable. The laboratory is only responsible for fibers counted in fibers/mm. and not in fibers/cc which is dependent on volume collected by non laboratory personnel.

Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0)



6330 East 75th Street. Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn Chris Sasone **Ecology & Environment** 11550 New Castle Avenue Baton Rouge LA 70816

Friday, October 24, 1997

Ref Number IN971449

### PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #4, 8/94

#### **Project WESTBANK ASBESTOS**

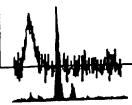
| Sample | Location | Sample Date | Volume<br>(luters) | Fibers | Fields | L O D<br>fib/cc | fibers/<br>mm² | fibers/cc |  |
|--------|----------|-------------|--------------------|--------|--------|-----------------|----------------|-----------|--|
| 1263   | BLANK    | 10/16/97    | 0 00               | 00     | 100    |                 | 0              |           |  |

BLANK ID 1263

Jane Wasilewski J~

**Analyst** 

Approved Signatory



LOD = Limit of Detection. The method assumes the lowest detection concentration is 7 fibers/mm2 and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non reliable. The laboratory is only responsible for fibers counted in fibers/mm, and not in fibers/cc which is dependent on volume collected by non laboratory personnel.

Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188.0)

## OFFICIAL CHAIN OF CUSTODY RECORD

| PROJ NO        | PROJEC  | TNA         | ME                          | <del></del>        |                           |                 | T   |              |         | 7      | 7 7 7   | 77        | 7     |  |
|----------------|---|-------------|-----------------------------|--------------------|---------------------------|-----------------|-----|--------------|---------|--------|---------|-----------|-------|--|
|                |   |             |                             | Acres Ro           | noval Project             |                 |     |              |         | 0/     |         |           |       |  |
| 1684U1         | Mesi  | bar         | <u> </u>                    | 112RCLEZ ICE       | HONOR 1-602ECI            | NO              |     |              | /\s/    |        | / / /   | / / /     |       |  |
| SAMPLERS ISI   | Ool (   | ),          | $\mathcal{L}_{\mathcal{L}}$ | A                  |                           | OF              |     | /.           |         |        | » // /  |           |       |  |
| 000            | 360. 10   | <del></del> | 0~                          | ~~                 |                           | CON             |     | 1 6          | /3      |        | '///    | / /       |       | REMARKS  |
| TA NO DAT      | TIME  | COMP        | GRAB                        | STATI              | ON LOCATION               | TAINERS         | /.  | ١ / ١        |         |        |         |           |       |  |
| 257 10/16      | 17 800 10   |             | /                           | 1420               |                           | 1               | 1   | 7 01         | 1125    |        |         | JAME      | -5 /  | Foy  |
| 258 '<br>258 ' | Par 10140   |             | 1                           | 1420               |                           | 1               |     |              | 1276    |        |         | Mar       | tin   | bunzales   |
| asa '          |   |             | /                           | 1771               |                           | 1               |     |              | 1348    |        |         | Lest      | er    | Lopez  |
| 260 '          | 100 1 100 1 11 1 1 1 1 1 1 1 1 1 1 1 1                            |             |                             |                    |                           | 1               | 1   | 214          | 1148    |        |         | Jocs      | e P   | lodr guez  |
|                | 61 " 100 /  |             |                             | 1277/              | 1448                      | 1               | /   | a <i>6</i> 7 | 1159    |        |         | Tod       | d H   | borrales<br>Lopez<br>Lodr suez<br>Lymel<br>Leyes |
|                | 62 1  |             |                             | 1177/1             |                           | 1               | /   | 204          | 1142    |        |         | 0.4       | e R_  | Reyes  |
| 263            |   |             | ~                           | BLANK              |                           | ,               |     |              |         |        |         |           |       |  |
|                |   |             |                             |                    |                           |                 |     |              |         |        |         |           |       |  |
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| ,3+r           |   |             |                             |                    |                           |                 |     |              |         |        |         |           |       |  |
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| elinquished by | (Signatur   | 7           | - 16                        | Date / Time        | Received by (Signature)   |                 | 1   |              |         | / (Sig | nature) | Date Date | Time  | Received by Jisignaulier                         |
| elinquished by | (Signature  | J           |                             | Date / Time        | Received by (Signature)   | •               |     |              |         | (Sigi  | nature) | Date      | /Time | Received by (Signature)                          |
| linquished by  | quished by (Signature)  Date / Time Received for Labo (Signature) |             |                             |                    |                           |                 | 10, |              | e / Tin |        | Remarks |           | .l    | · <del>  </del>                                  |
| hipped by      |   |             |                             |                    | Airbill Number            | 7               |     |              |         |        | _       |           |       |  |
|                | 1 1   | abou        | on W                        | hite Arcompanies S | Shipment Plnk to Coordina | itor Field File | 98  |              |         |        | L       | .,        |       | - 2022   |

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn Alma Rillera

Ecology & Environment
11550 New Castle Avenue
Baton Rouge LA 70816

Tuesday, November 25, 1997

Ref Number IN971727

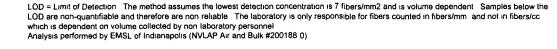
# PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #4, 8/94

### **Project WESTBANK ASBESTOS**

| Sample | Location  | Sample Date | Volume<br>(liters) | Fibers | Fields | L O D<br>fib/cc | fibers/<br>mm² | fibers/cc               |
|--------|-----------|-------------|--------------------|--------|--------|-----------------|----------------|-------------------------|
| 1122   | 1592/1603 | 11/20/97    | 1029 00            | 1 5    | 100    | 0 003           | 1 91           | <lod< th=""></lod<>     |
| 1123   | 1250      | 11/20/97    | 1090 00            | 30     | 100    | 0 003           | 3 82           | <br><lod< td=""></lod<> |
| 1124   | 1598      | 11/20/97    | 1235 00            | 25     | 100    | 0 002           | 3 18           | l <lod< td=""></lod<>   |
| 1125   | BLANK     | 11/20/97    | 0 00               | 00     | 100    | 0 000           | _              |                         |

Margaret Phillips MCP
Analyst

Approved Signatory





### OFFICIAL **CHAIN OF CUSTODY RECORD**

| PROJ N   | - 1  | ROJECT        | ΓNA           | ME<br>V  | lca ectros   | Remoi  | al Project             |              |           |                | /             | 7 /          | 7            | 7        | ///      | /           |                          |
|--|--|---------------|---------------|--|--------------|--------|------------------------|--------------|-----------|----------------|---------------|--------------|--------------|----------|----------|-------------|--------------------------|
| 76820  |  |               | 2010          |  | 13500        |        | 110300                 | NO           |           |                |               | /            | / /          | /        | / / /    |             |                          |
| SAMPLER  | ,  | 1 //          |               | ) ,  | Am           |        |                        | OF           |           |                | \\\<br>\\\    | F./          |              |          |          |             |                          |
| Lo   | nal  | al 1          | $\bigcup_{I}$ | 15   | AND          |        |                        | CON          |           |                | $\lambda_{0}$ | ¥3           | 7            | /        | / /      |             | REMARKS                  |
| STA NO   | DATE   | TIME          | COMP          | GRAB   |              | STATIO | N LOCATION             | TAINERS      | /.        | -3<br>3        |               | 3            |              | /        |          |             |                          |
| 1122   | 11 20 97   | 0730          |               | ~  | 15           | 592/   | 1603                   |              | 100       | 400            | 1092          |              |              |          | MARCO    | Gor         | uzales                   |
| 1123   | 112097   | 9730<br>11/30 |               | ~  | 13           | 150    |                        |              | ~         | 9,000<br>4em   | 1040          |              |              |          | Jorge    | Rod         | uzales<br>uguess<br>>    |
| 1124   | 11 20 97   | 0730          |               | /  | 13           | 598    |                        |              | V         | 988<br>388     | 1235          |              |              |          | Marie    | DIAZ        | 20 1                     |
| 1125   |  |               |               | <b>_</b>   |              | han    | Κ                      |              | V         |                |               |              |              |          |          |             |                          |
|  |  |               |               |  |              |        |                        |              |           |                |               |              |              |          |          |             |                          |
|  |  |               |               |  |              |        |                        |              |           |                |               |              |              |          |          |             |                          |
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|  |  |               |               |  |              |        |                        |              | <u> </u>  |                |               |              |              |          |          |             |                          |
|  |  |               |               |  |              |        |                        |              |           |                |               |              |              |          |          |             |                          |
| Relinquish   | ed by (  | Signature     | ,             |  |              | /Time  | Received by (Signature | :1           | Reli      | nquis          | ned b         | y (Sig       | năture)      |          | Date     | / Time      | Received by Isignature)  |
| Land (   | )D()   | Rota          | 7             |  | 1-21-97      | 1600   | W.D.C                  | <b>*</b>     | 10        | $\wedge$       | $\mathcal{L}$ | $C_{\alpha}$ | ٠.           | 0        | 11/21/97 | 1405        | Los/Shu                  |
| Relinquish   | ed by /  |               |               | +  |              |        | Received by (Signature | , V          | Reli      | nguisl         | ned by        | y (Sig       | nature       | <u> </u> | Date     | /Time       | (Received by (Signature) |
|  |  |               |               |  | !            |        |                        |              |           |                |               |              |              |          |          |             |                          |
| Relinquished by (Signature)  Date / Time Received for Laborate (Signature) |  |               |               |  |              |        | Received for Laborato  | ry by        | [//       |                | e / Tii       | me<br>0 07A  |              | narks    | <u> </u> | .I          |                          |
| Shipped by Airbill Number  |  |               |               |  |              |        | ₩                      | 1//          | a.i., l., | -1-/-          | 017           | ~            |              |          |          |             |                          |
|  | Distribution White Accompanies Shipment Pink to Coords Green to Report Vellow Returns with Warrant |               |               |  |              |        |                        |              |           |                |               | •            | $\mathbb{L}$ |          |          |             | •                        |

EPA 7500-53

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894 98 EMSL

Attn Donald DeLott

Ecology & Environment

11550 New Castle Avenue
Suite 250

Baton Rouge LA 70816

Monday, February 02, 1998

Ref Number IN98284

# PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #4, 8/94

### Project 768209 WESTBANK ASBESTOS REMOVAL PROJECT

| Sample | Location  | Sample Date | Volume<br>(liters) | Fibers | Fields | L O D<br>fib/cc | fibers/<br>mm² | fibers/cc                |
|--------|-----------|-------------|--------------------|--------|--------|-----------------|----------------|--------------------------|
| 1207   | Site 1647 | 1/28/98     | 1135 08            | 0 0    | 100    | 0 0024          | 0              | <lod< th=""></lod<>      |
| 1208   | Site 1585 | 1/28/98     | 1185 30            | 10     | 100    | 0 0023          | 1 27           | <lod< td=""></lod<>      |
| 1209   | Site 1764 | 1/28/98     | 1273 86            | 00     | 100    | 0 0021          | 0              | -<br><lod< td=""></lod<> |
| 1210   | Blank     | 1/28/98     | 0 00               | 00     | 100    |                 | 0              |                          |

BLANK ID 1210

Jane Wasilewski

**Analyst** 

Approved
Signatory



LUMBOUMERIUM EBOTECTION VOTOCA

## OFFICIAL CHAIN OF CUSTODY RECORD

|            |          |              |  |              |                                       | CHAIN                              | OF CUS         | VU       | INE          | COND     |                             |  |                                     |                  |
|------------|----------|--------------|--|--------------|---------------------------------------|------------------------------------|----------------|----------|--------------|----------|-----------------------------|--|-------------------------------------|------------------|
| PROJ I     | 1        | PROJEC       |  |              |                                       |                                    |                |          |              | 7        | 7                           | 77   |                                     | 1                |
| 76820      | 1        | WESTR        | LAN  | K A          | Spotos Rema                           | Toszer Lave                        | NO             |          |              |          | / /                         |  | / / /                               | 1                |
| SAMPLER    | S (Signa | (enne)       | /  | $\wedge$     |                                       |                                    | OF             |          | /            |          | $\mathcal{G}_{\mathcal{M}}$ | / /  |                                     | *                |
| No.        | alo      | () $()$      | la t   | <b>₹</b>     | <del>\</del>                          |                                    | CON            |          |              | Y Y      |                             |  | REMARKS                             | 1                |
| STA NO     | DATE     |              | COMP   | GRAB         | STATIO                                | N LOCATION                         | TAINERS        | /,       | 3            |          | <del>]</del>                |  |                                     | *                |
| 1207       | 1-28 9 V | 0730         |  | /            | Site 1647                             |                                    | 1              |          | 2.102<br>Lem | 1135,08  |                             | 1 1  | MARCO GONZALES                      | 1                |
| 1208       | l        | 0730         |  | ~            |                                       | 85                                 | 1              | /        | 2,195        | 1185,3   |                             |  | Jorge Rodrigues                     | 1                |
| • •        | 12898    | 0730         |  | V            | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | 64                                 |                | 1        | 2,359        | 1273 800 |                             |  | Leonardo Avila                      | 1                |
| 1209       |          | -            | <u> </u>   | 1/           | BLAN                                  |                                    | 1              | /        | 42/~         | 3        |                             |  | LEONAMO HVIIA                       | ا<br>ج.          |
| 1210       | 10       | -            | <del> </del>                                     | V            | ONAV                                  |                                    | <u> </u>       | V        | <del> </del> |          | _                           |  |                                     | ┨"               |
|            | <u> </u> | <del> </del> | -  | <del> </del> |                                       |                                    |                |          | ļ            |          |                             | -  |                                     | 1                |
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| <br>       | <b> </b> | <u> </u>     | <del> </del>                                     | ļ            |                                       |                                    |                | ļ        | -            |          |                             |  |                                     | at.              |
|            |          |              | <u> </u>   | <u> </u>     |                                       | N-1                                |                | <u> </u> | ļ <u>.</u>   |          |                             | <del>                                     </del> |                                     | 1                |
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| Relinquist | 1()      | Signature    | <del>;</del><br>}                                |              | Date / Time                           | Received by (Signature)  M DuCan   |                |          | •            | ned by   |                             |  | Date / Time Received by (Signature) |                  |
| Relinguish |          | (Signature   | i)   | 1/           | Date / Time<br>30/98 9'00<br>AM       | Received by (Signature)            | , ,            | Reli     | nquisi       | ned by   | (Signati)                   | re)  | Date / Time Received by (Signature) |                  |
| Relinquist | ned by   | (Signature   | )  |              | Date / Time                           | Received for Laborator (Signature) | ry by          |          | Dat          | e /Time  | F                           | Remark   | \$                                  |                  |
| Shipped b  | у        |              |  |              |                                       | Airbill Number                     |                |          | <del></del>  |          |                             |  |                                     |                  |
| ,          |          | Dis          | tributi  |              |                                       | Shipment Pink to Coordin           | ator Field Fil | les      |              |          |                             |  |                                     |                  |
| '• *EPA    | 7500-    | 53           |  | G            | reen to Report Yello                  | ow Returns with Warrant            |                |          |              |          | t                           |  | 6- 0897;                            | _                |

'\* \*EPA 7500-53 (11/96)

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn Gregory Day

Ecology & Environment

11550 New Castle Avenue
Suite 250

Baton Rouge LA 70816

Thursday, March 26, 1998

REC'D MAR 3 1 1998 Ref Number IN98846

## PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #4, 8/94

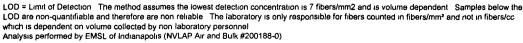
#### Project F68209 WESTBANL ASBESTOS REMOVAL

| Sample   | Location | Sample Date | Volume<br>(lıters) | Fibers | Fields | L O D<br>fib/cc | fibers/<br>mm² | fibers/cc |
|----------|----------|-------------|--------------------|--------|--------|-----------------|----------------|-----------|
| 1805P504 |          | 3/18/98     | 620 00             | 60     | 100    | 0 0043          | 7 64           | 0 005     |

Jane Wasilewski

**Analyst** 

Approved Signatory







| Region 6                             |  | OFFIC<br>N OF CUST | IAL<br>ODY RECOR                      | D           | ρ 200        | 1445 Ross Avenue, Suite 1200<br>Dallas Texas 75202-2733 |
|--------------------------------------|--|--------------------|---------------------------------------|-------------|--------------|---|
| SAMPLERS (Signature)                 | u Cay  | NO OF CON TAINERS  |                                       |             |              | REMARKS   |
| STA NO DATE TIME SO                  | station Location  #1805  |                    | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ |             | RUDY BILL    | LIOT  |
|                                      |  |                    |                                       |             |              |   |
|                                      |  |                    |                                       |             |              |   |
|                                      |  |                    |                                       |             |              |   |
|                                      |  |                    |                                       |             |              |   |
|                                      |  |                    |                                       |             |              | l sper  |
| Relinquished by (Signature)          | 1. 1/10 1  | Lay!               | Relinguished by                       | (Signature) | Date / Time  | Received by (Signature)                                 |
| Helinquished by (Signature)          | Date / Time Received by Signatur   | 3/30/70            | Relinquished by                       |             | Date / Time  | Received by (Signature)                                 |
| Shipped by (Signature)  Distribution | Date / Time Received for Laborate (Signature)  Airbill Number  White Accompanies Shipment Pink to Coordi | 0085               | Date / Tir                            | ne Remar    | s Day Turnan | ound for TEM  |

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn Pat Mollere

Ecology & Environment

11550 New Castle Avenue
Suite 250

Baton Rouge LA 70816

REC'D MAR 3 1 1998

Wednesday, March 25, 1998

Ref Number IN98829

# PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #4, 8/94

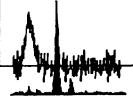
### Project F68209 - WARP

| Sample   | Location | Sample Date | Volume<br>(liters) | Fibers | Fields | LOD<br>fib/cc | fibers/<br>mm² | fibers/cc |
|----------|----------|-------------|--------------------|--------|--------|---------------|----------------|-----------|
| 1705P505 |          | 3/21/98     | 780 00             | 20 5   | 100    | 0 0035        | 26 11          | 0 013     |

Jane Wasilewski JW

**Analyst** 

Approved Signatory



LOD = Limit of Detection The method assumes the lowest detection concentration is 7 fibers/mm2 and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non reliable. The laboratory is only responsible for fibers counted in fibers/mm, and not in fibers/cc which is dependent on volume collected by non laboratory personnel.

Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0)

.

|   | *        | legion 6   |          |      |              |        |                          | CHAIN       | OF CUST       |          |          | COF         | RD     |              |             | 43/235                 |  |             | Av <b>enue, Sulte 120</b><br>exas 75 <mark>202-273</mark> 3 | )    |
|---|----------|------------|----------|------|--------------|--------|--------------------------|-------------|---------------|----------|----------|-------------|--------|--------------|-------------|------------------------|--|-------------|---|------|
| PROJ N                                  | Ì        | PROJEC     |          |      | , <b>P</b> . |        |                          | ·/          | NO            |          |          | /.(         | 9/1    |              | 137         |                        |  |             |   |      |
| 74820<br>SAMPLER                        | RS (Sign |            | ()       |      | 17.          |        |                          | <del></del> | OF            |          | /        |             |        |              |             |                        |  |             |   | ١    |
|   |          | 102        | € 0      | رحر  |              |        |                          |             | CON           |          |          | <i>7</i> :  | 5      | \$\ y/       |             |                        |  | REMARKS     |   | J    |
| STA NO                                  | DATE     | TIME       | COMP     | GRAB |              | STATIO | N LOCATION               |             | TAINERS       |          | 77       |             | ٧      |              | 7           | /                      |  |             | د <b>ه</b> (م.  |      |
| 1705<br>P 505                           | 22/48    | 0730-      |          | V    | #1.          | 750    | >                        |             |               | <b>V</b> | 1        | <b>18</b> 0 | 5º2    | $\checkmark$ | F           | RED                    | DIE                                    | DoyLE       |   | 1    |
| , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |          |            |          |      |              |        |                          |             |               | D'A      | 103      |             |        |              |             |                        |  |             |   | 1    |
|   |          |            |          |      |              |        |                          |             |               | 3/20     |          |             |        |              |             |                        |  |             |   | ]    |
|   |          |            |          |      |              |        |                          |             |               |          |          |             |        |              | Ε           | PAS TO                 | 9G #                                   | 6-15/761    |   | ]    |
|   |          |            |          |      |              |        |                          |             |               |          | ļ        |             |        |              |             |                        |  |             |   | ]    |
|   |          |            |          |      |              |        |                          |             |               |          |          |             |        |              |             |                        |  |             |   |      |
|   |          |            |          |      |              |        |                          |             | <u> </u>      |          |          |             |        |              |             |                        |  |             |   |      |
|   |          |            |          |      |              |        |                          |             |               |          |          |             |        |              |             | ····                   |  |             | + white   | 1    |
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|   |          |            |          |      |              |        |                          |             |               |          | <u> </u> |             |        |              |             |                        | ·                                      |             |   |      |
|   |          | <u> </u>   | <u> </u> |      |              |        |                          |             |               |          |          |             |        |              |             | ····                   | ······································ |             |   |      |
|   |          |            |          |      |              |        |                          |             |               |          |          |             |        |              |             | , <u>-</u> <del></del> |  | ·           |   | 3    |
| L                                       | l        |            |          | i    |              |        |                          |             |               |          |          |             |        |              |             |                        |  |             |   |      |
| Relinquish                              | _/       | (Signature |          | 3    | Date /       |        | Received by              | 2           |               | Rel      | inquis   | hed b       | Y (Sig | nature)      |             | Da                     | te / Time                              | Received by | 4   | 18 T |
| Relinquish                              |          | Signature  | 1        | Ť    |              |        | Received by              | /           | <del></del>   | Rel      | ınquıs   | hed b       | y (Sıg | nature)      |             | Da                     | e / Time                               | Received by | (Signature)   | 1    |
| Sugar                                   | y R      | Day        |          | 3    | 123/98       | 1700   | 70                       |             |               |          |          |             |        |              |             |                        |  |             |   |      |
| Relinquis                               | weld by  | (Signature | )        |      | Date /       | Time   | Received for (Signature) | Laborato    | ry by         |          | Dat      | e / Ti      | me     | Rem          | narks<br>EM | on 3                   | -5 De                                  | zy Turnar   | ound  |      |
| Shipped b                               | У        | FED        | En       |      |              |        | Airbill Numb             | er          |               |          |          |             |        |              |             |                        |  | •           |   |      |
|   | 7        | Dis        | tributi  |      |              | -      | hipment Pink             |             | ator Field Fi | les      |          |             |        |              |             |                        |  |             | ·   | J    |

The state of the steps are lifted

REGION/6

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn Michael DuCaye

Ecology & Environment

11550 New Castle Avenue
Suite 250

Friday, April 03, 1998

Baton Rouge LA 70816 **REC'D APR 0 8 1998** 

Ref Number IN98926

# PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #4, 8/94

#### Project F68209 WARP

| Sample   | Location | Sample Date | Volume<br>(liters) | Fibers | Fields | L O D<br>fib/cc | fibers/<br>mm² | fibers/cc           |
|----------|----------|-------------|--------------------|--------|--------|-----------------|----------------|---------------------|
| 1884P505 |          | 3/30/98     | 555 00             | 20     | 100    | 0 0049          | 2 55           | <lod< th=""></lod<> |
|          |          |             |                    | <br>   | Ĺ      |                 |                | ,                   |

Jane Wasılewskı

**Analyst** 

Approved
Signatory



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OFFICIAL CHAIN OF CUSTODY RECORD

P292

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6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn Michael DuCaye **Ecology & Environment** 11550 New Castle Avenue Suite 250 Baton Rouge LA 70816

Monday, April 06, 1998

Ref Number IN98958

**REC'D** APR 1 3 1998

# PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #4, 8/94

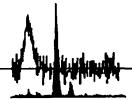
### Project F68209 WARP

| Sample   | Location | Sample Date | Volume<br>(liters) | Fibers | Fields | L O D<br>fib/cc | fibers/<br>mm² | fibers/cc           |
|----------|----------|-------------|--------------------|--------|--------|-----------------|----------------|---------------------|
| 1866P506 |          | 4/2/98      | 512 00             | 0.5    | 100    | 0 0053          | 0 64           | <lod< td=""></lod<> |
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Jane Wasilewski

**Analyst** 

Approved Signatory



LOD = Limit of Detection. The method assumes the lowest detection concentration is 7 fibers/mm2 and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non reliable. The laboratory is only responsible for fibers counted in fibers/mm, and not in fibers/cc which is dependent on volume collected by non-laboratory personnel. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0)

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6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn Mike DuCarpe **Ecology & Environment** 11550 New Castle Avenue Suite 250 Baton Rouge LA 70816

Friday, March 13, 1998

Ref Number IN98701

REC'D MAR 1 6 1998

### PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #4, 8/94

#### Project PROJ#768209 - WESTBANK ASBESTOS REMOVAL PROJECT

| Sample     | Location | Sample Date | Volume<br>(liters) | Fibers | Fields | L O D<br>fib/cc | fibers/<br>mm² | fibers/cc |
|------------|----------|-------------|--------------------|--------|--------|-----------------|----------------|-----------|
| /1673 PS01 |          | 3/10/98     | 644 00             | 19 5   | 100    | 0 0042          | 24 84          | 0 015     |
| 1673 PS02  |          | 3/10/98     | 768 00             | 22 0   | 100    | 0 0035          | 28 03          | 0 014     |
| 1673 PS03  | BLANK    |             | 0 00               | 00     | 100    |                 | 0              |           |

**BLANK ID 1673 PS03** 

Jane Wasilewski

**Analyst** 

Approved Signatory



ENVIRONMENTAL PROTECTION AGENCY
Region 6

OFFICIAL
CHAIN OF CUSTODY RECORD

REGION 6
1445 Ross Avenue, Suite,1200

|  |           |            |                |          |               |          | СПА                           | AIN OF COST         | UU | INE  | CUn        |        |          |            |        |       | Dallas         | exas /5202  | 2-2/33        |
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| Relinquisl                                   | hed by    | (Signature | 9)             | _+-      |               | /Time    | Received by (Signal           |                     |    | nquis  | hed by     | / (Sig | nature)  | _          | Date / | Time  | Received by    | (Signature) | 773           |
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| Relinquis                                    | hed by    | (Signature | <del>e</del> ) |          | Date          | /Time    | Received for Labo (Signature) | ratory by           |    | Dat  | te /Tir    | me     | Remai    | rks<br>FN/ | 070    | 601   | RAXX<br>047102 |             |               |
| Shipped b                                    | у         |            |                |          |               |          | Airbill Number                |                     |    |  |            |        |          | / (4       | tera   |       |                |             |               |
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6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn Michael DuCaye

Ecology & Environment

11550 New Castle Avenue
Suite 250

Baton Rouge LA 70816

Wednesday, April 15, 1998

Ref Number IN981077

# PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #4, 8/94

Project F68209 WARP

| Sa     | mple<br> | Location | Sample Date | Volume<br>(liters) | Fibers | Fields | L O D<br>fib/cc | fibers/<br>mm² | fibers/cc           |
|--------|----------|----------|-------------|--------------------|--------|--------|-----------------|----------------|---------------------|
| 1696P5 | 607      |          | 4/8/98      | 457 00             | 0 0    | 100    | 0 0059          | 0              | <lod< th=""></lod<> |
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Jane Wasilewski Analyst Approved Signatory



A LAVIER MARKET LEAST PARTY

## OFFICIAL CHAIN OF CUSTODY RECORD

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| Relinquish     | , D State  |          |           |          |            |          |        | Received by (Signature)            | 414/98          | Reli | aquist | red by | / (Sign    | natur <b>e</b> ) | Date / Time   Received by (Signature) |
| Relinquish     | ed   | by (     | Signature | )        |            | Date     | / Time | Received for Laborator (Signature) | у by            |      | Date   | e / Tu | ne         | Rema             | arks                                  |
| Shipped        | 7  | FE       | D-E       | X        | <b>-</b> - |          |        | Airbill Number 80                  | 08583           | 11   | +1     | L      |            |                  |                                       |
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EPA 7500-53

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn Michael DuCaye

Ecology & Environment

11550 New Castle Avenue
Suite 250

Baton Rouge LA 70816

Wednesday, April 15, 1998

Ref Number IN981079

# PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #4, 8/94

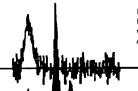
### Project F68209 WARP

| Sample   | Location | Sample Date | Volume<br>(liters) | Fibers | Fields | L O D<br>fib/cc | fibers/<br>mm² | fibers/cc           |
|----------|----------|-------------|--------------------|--------|--------|-----------------|----------------|---------------------|
| 1748P508 | 1        | 4/9/98      | 581 00             | 10     | 100    | 0 0046          | 1 27           | <lod< th=""></lod<> |
|          | Į.       | 1           |                    | 1      |        |                 |                |                     |

Jane Wasilewski

**Analyst** 

Approved Signatory



LOD = Limit of Detection The method assumes the lowest detection concentration is 7 fibers/mm2 and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non reliable. The laboratory is only responsible for fibers counted in fibers/mm, and not in fibers/cc which is dependent on volume collected by non laboratory personnel. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0)

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### OFFICIAL CHAIN OF CUSTODY RECORD

| TOROMAN ARP.  SAMPLERS (Signature)  OF  CON  TAINERS  STA NO DATE TIME 8 8 8 STATION LOCATION  THE PSOR A 6 PSO | Í        | SHOT                                  | NO   | PROJEC       | TNA          | ME   |              |             | <del></del>  |             |                 |       |        | /      | 0                | 7,         | 7 /   | 777   | 7           |    | 1           |             | } |
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| Relinquished by (Signature)  Date / Time Received by (Signature)   |          | 768                                   | 209  | \            | W            | A.   | RIP          | •           |              |             | NO              |       |        |        | Χ,               | # 0        |       |       |             |    |             |             |   |
| Relinquished by (Signature)  Date / Time Received by (Signature)  | <b>}</b> | SAMPLE                                | RS (Sign   | ature)       |              |  |              |             |              |             | OF              |       | /      | \s\/   | , ( <del>)</del> | $\sqrt{2}$ | / /   | / / / |             |    |             |             | ř |
| Relinquished by (Signature)  Date / Time Received by (Signature)  |          | · · · · · · · · · · · · · · · · · · · | V  | ٧            | Ø2           | و  | <u>Du</u>    | Ca          | -19          |             | ·               |       |        |        | 7/               |            | /6    | 5//   |             |    | REMARKS     | \$          |   |
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| Relinquished by (Signature)  Date / Time Received for Laboratory by Uste / Time Remarks (Signature)  |          | •                                     | shed by  | (Signaturi   | •)           |  | Date /       | Time        |              | r Laborator | y by            |       | Dat    | e /Tir | ne               | R          | emark | S     |             |    | }           |             |   |
| Shipped by Airbill Number  |          | Shipped                               | by   |              |              |  |              | <b></b>     | Airbill Numb | ber         |                 |       |        |        |                  |            |       |       |             |    | •           |             |   |
| Distribution White Accompanies Shipment Pink to Coordinator Field Files  Green to Report Yellow Returns with Warrant   |          |                                       | (  |              | tribut       |  |              |             |              |             | itor Field Fil  | es    |        |        |                  |            |       |       |             |    |             |             |   |

EPA 7500-53

· 10295

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn Michael DuCaye

Ecology & Environment

11550 New Castle Avenue
Suite 250

Baton Rouge LA 70816

Thursday, April 16, 1998

Ref Number IN981117

# PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #4, 8/94

#### Project F68209 WARP

| / Sample | Location | Sample Date | Volume<br>(liters) | Fibers | Fields | L O D<br>fib/cc | fibers/<br>mm² | fibers/cc           |
|----------|----------|-------------|--------------------|--------|--------|-----------------|----------------|---------------------|
| 1799P509 |          | 4/13/98     | 632 00             | 10     | 100    | 0 0043          | 1 27           | <lod< td=""></lod<> |
|          |          |             |                    | ] [    |        |                 |                |                     |

Jane Wasilewski

**Analyst** 

Approved Signatory

LOD = Limit of Detection The method assumes the lowest detection concentration is 7 fibers/mm2 and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non reliable. The laboratory is only responsible for fibers counted in fibers/mm² and not in fibers/cc which is dependent on volume collected by non laboratory personnel. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188 0)

WHITE WHITE

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**CHAIN OF CUSTODY RECORD** PROJECT NAME PROJ NO 768209 NO SAMPLERS (Signature) OF REMARKS CON TAINERS COMP STATION LOCATION DATE TIME STA NO 1799 EUGENIO SUAZO Relinquished by (Signature) Received by (Signature) Date / Time Relinquished by (Signature) Date / Time Received by (Significative) Relinquished by (Signature) Date / Time Received by (Signature) Received by (Signature) Relinquished by (Signature) Relinquished by (Signature) Date / Time Received for Laboratory by Date / Time Remarks (Signature) Shipped by Fed ET Airbill Number 800858313130 Distribution White Accompanies Shipment Pink to Coordinator Field Files

**OFFICIAL** 

EPA 7500-53

Green to Report Yellow Returns with Warrant

6-10297 ...

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn Michael DuCaye **Ecology & Environment** 11550 New Castle Avenue Suite 250 Baton Rouge LA 70816

Wednesday, April 22, 1998

REC'D APR 2 8 1998 Ref Number IN981196

### PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #4, 8/94

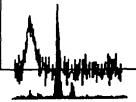
#### Project F68209 WARP

| Sample   | Location | Sample Date | Volume<br>(liters) | Fibers | Fields | L O D<br>fib/cc | fibers/<br>mm² | fibers/cc |
|----------|----------|-------------|--------------------|--------|--------|-----------------|----------------|-----------|
| 1847P510 |          | 4/17/98     | 637 00             | 15 0   | 100    | 0 0042          | 19 11          | 0 012     |
| 1        |          |             |                    |        |        |                 |                |           |

Jane Wasılewskı

**Analyst** 

Approved Signatory



LOD = Limit of Detection The method assumes the lowest detection concentration is 7 fibers/mm2 and is volume dependent. Samples below the LOD are non quantifiable and therefore are non reliable The laboratory is only responsible for fibers counted in fibers/rom and not in fibers/rom which is dependent on volume collected by non laboratory personnel Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0)

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### OFFICIAL. **CHAIN OF CUSTODY RECORD**

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| SAMPLER  | IS (Signa          | ture)    |              |      |     |  |                          |                           | OF                                      |              |              | M        | 0/       | \<br>\$/ | <b>"</b> /.             |                     |             |             |              | 1 |
|  | $\mathcal{N}$      | 7 [      | )ر           | 2    | مم  | 1 2                                    |                          |                           | CON                                     |              | /2           | د 🖓      | 7;       | 7        | / {                     | 7 /                 |             | REMARKS     |              | 1 |
|  |                    |          |              |      |     | γ                                      | N LOCATION               |                           | TAINERS                                 | /            |              |          | \Ø       |          | \Y                      | ′ /                 |             |             |              | 1 |
| STA NO   | DATE               | TIME     | COMP         | GRAB |     |  |                          | Z (                       | 1 1 2 1 X                               | <u>Z</u>     |              | <u>Z</u> |          |          |                         |                     |             |             |              |   |
| 1847<br>P510   | 417 <sup>428</sup> |          |              | /    | #18 | 347                                    |                          |                           |   | ~            | 20X          | 3*       |          | /        |                         | FAUSTO              | Ri          | ルエチ         |              |   |
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|  |                    |          |              |      |     |  |                          |                           |   |              |              |          |          |          |                         |                     |             |             |              |   |
|  |                    |          |              |      |     |  |                          |                           |   |              |              |          |          |          |                         |                     |             |             |              |   |
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| Relinquished by (Signature)  Date / Time Received by (Signature)               |                    |          |              |      |     |  | Relinquished by (Signate |                           |   |              |              | e)       | Date /   | Time     | Received by (Signature) | gnature)            | $\neg \neg$ |             |              |   |
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| Relinquished by (Signature)  Date / Time Received for Laborator (Signature)    |                    |          |              |      |     | y by                                   |                          | Dat                       | e /Tii                                  | me           | R            | lemari   | <u> </u> |          |                         |                     |             |             |              |   |
| Shipped by Airbill Number  |                    |          |              |      |     |  |                          |                           |   |              |              |          |          |          |                         |                     |             | İ           |              |   |
|  |                    | Dist     | rıbuti       |      |     |  | hipment Pin              | k to Coordina             | ator Field Fil                          | Ins          |              |          |          |          |                         |                     |             | 10000       |              |   |

EPA 7500-53 (11/96)

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn Michael DuCaye **Ecology & Environment** 11550 New Castle Avenue Suite 250 Baton Rouge LA 70816

Monday, April 27, 1998

Ref Number IN981241

### PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #4, 8/94

### Project F68206 WARP

| Sample   | Locat | on | Sample Date | Volume<br>(liters) | Fibers | Fields | L O D<br>fib/cc | fibers/<br>mm² | fibers/cc           |
|----------|-------|----|-------------|--------------------|--------|--------|-----------------|----------------|---------------------|
| 1948P511 |       |    | 4/21/98     | 438 00             | 20     | 100    | 0 0061          | 2 55           | <lod< th=""></lod<> |

ار کر کر Jane Wasilewski **Analyst** 

Approved Signatory

LOD = Limit of Detection The method assumes the lowest detection concentration is 7 fibers/mm2 and is volume dependent. Samples below the LOD are non quantifiable and therefore are non reliable. The laboratory is only responsible for fibers counted in fibers/mm, and not in fibers/cc. which is dependent on volume collected by non laboratory personnel Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188 0)

ENVIRONMENTAL BESTLE HON WELLE

OFFICIAL **CHAIN OF CUSTODY RECORD** 

| PROJ 1       | 00       | PROJEC     | TNA        | ME       |      | ************************************** |                          |             |                |              |        |        | .0/      | 7.7      |       | ////     | l<br>1 | '           | ' ;       |                |
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| SAMPLER      | RS (Sign | ature)     |            | -        |      |  |                          |             | OF             |              | /      |        | (2)      | 7 W/     |       |          |        | , ,         | \$<br>4   | ٠              |
| Y            | M'       | Du         | <u>(</u>   | <u></u>  | n e  |  |                          | L           | CON            |              | /0     | د 🗸    | <b>/</b> | <b>)</b> | 1     | //       | 4      | REMARK      | s i       |                |
| STA NO       | DATE     | TIME       | COMP       | GRAB     |      | STATIO                                 | N LOCATION               |             | TAINERS        | $V_{-}$      |        | ,      | ,        |          |       |          |        | ,           | k<br>K    |                |
| 1948<br>PS11 | 4/21/98  |            |            | <b>✓</b> | 井    | 945                                    | }                        |             |                | $\checkmark$ | 30     | x3b    |          | 1        |       | GUILLERM | o R    | ロマ          | , ,       |                |
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| Relinquish   | ned by   | (Signature | 1          |          | Date | /Time                                  | Received for (Signature) | Laborator   | ry by          | T            | Date   | e /Tir | ne       | Re       | emark | is .     | 1      | 1           |           |                |
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|              |          | Dist       | ributi     |          |      |  | hipment Pink to          |             | ator Field Fil | es           |        |        |          | L        |       | ·        |        |             | }         |                |

EPA 7500-53

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn Michael DuCaye **Ecology & Environment** 11550 New Castle Avenue Suite 250 Baton Rouge LA 70816

REC'D MAY 0 6 1998 Ref Number IN981269

Wednesday, April 29, 1998

### PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #4, 8/94

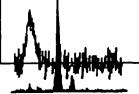
#### Project F6209 WARP

| Sample   | Location | Sample Date | Volume<br>(liters) | Fibers | Fields | L.O D<br>fib/cc | fibers/<br>mm² | fibers/cc |
|----------|----------|-------------|--------------------|--------|--------|-----------------|----------------|-----------|
| 1938P512 |          | 4/24/98     | 867 00             | 20 0   | 100    | 0 0031          | 25 48          | 0 011     |
|          |          |             |                    | ,      |        |                 |                |           |

Jane Wasilewski

**Analyst** 

Approved Signatory



LOD = Limit of Detection The method assumes the lowest detection concentration is 7 fibers/mm2 and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non reliable. The laboratory is only responsible for fibers counted in fibers/mm² and not in fibers/cc which is dependent on volume collected by non laboratory personnel.

Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0)

ENVIRONMENTAL PROTECTION AGENCY

## OFFICIAL CHAIN OF CUSTODY RECORD

| PROJ         | VO F     | ROJEC      | TNA      | ME                |            |               |                                    |                |           |          |   | 0/               |              | //     | ///         |       | ,    |                          | γ |
|--------------|----------|------------|----------|-------------------|------------|---------------|------------------------------------|----------------|-----------|----------|---|------------------|--------------|--------|-------------|-------|------|--------------------------|---|
| 7620         | 9        | W          | A        | R                 | P          |               |                                    | NO             |           |          |   | 9/               | 4/1          |        |             |       |      |                          | ! |
| SAMPLER      |          | ture)      |          |                   |            |               |                                    | OF             |           |          | $(\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $ | 24               |              | 7 /    | ///         | ,     |      |                          |   |
| /            | $\sim$   | Di         | <u> </u> | $C_{\mathcal{C}}$ | up         | Q             |                                    | CON            |           | 9        | ŽŽ  | 7.               |              | 4      | //          |       |      | REMARKS                  |   |
| STA NO       | DATE     | TIME       | COMP     | GRAB              |            | STATIO        | N LOCATION                         | TAINERS        | /.        | <b>Z</b> | 7   |                  | /            |        |             |       |      |                          |   |
| 1938<br>P512 | पश्चिमवर |            |          | /                 | #10        | 38            | `                                  |                | /         | 211      | X 2                                       |                  | $\checkmark$ |        | FREC        | )D)   | エモ   | DOYLE                    |   |
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|              |          |            |          |                   |            |               |                                    |                |           |          |   |                  |              |        |             |       |      |                          |   |
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| Relinquis    | ned by ( | Signature  | ,        |                   | Date       | / Time        | Received for Laborator (Signature) | ry by          |           | Dat      | e /Tii                                    | ne               | F            | Remari | <b>(S</b>   |       |      |                          | - |
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EPA 7500-53

Green to Report Yellow Returns with Warrant

<sup>6-</sup> 10265

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn Michael DuCaye

Ecology & Environment

11550 New Castle Avenue
Suite 250

Baton Rouge LA 70816

Tuesday, May 05, 1998

Ref Number IN981345

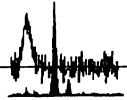
# PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #4, 8/94

### Project F6209 WARP

| Sample   | Location | Sample Date | Volume<br>(liters) | Fibers | Fields | L O D<br>fib/cc | fibers/<br>mm² | fibers/cc |
|----------|----------|-------------|--------------------|--------|--------|-----------------|----------------|-----------|
| 1844P513 |          | 4/30/98     | 322 00             | 9 5    | 100    | 0 0084          | 12 1           | 0 015     |
|          |          |             |                    |        |        |                 | <br>           |           |

Margaret Phillips May
Analyst

Approved
Signatory



LOD = Limit of Detection The method assumes the lowest detection concentration is 7 fibers/mm2 and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non reliable. The laboratory is only responsible for fibers counted in fibers/mm, and not in fibers/cc which is dependent on volume collected by non laboratory personnel. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188.0)

| PROJ N       | 10        | PROJEC                | TNA           | ME   | <del></del>  |                                     |                                   |         |          |        | /           | 7        | 7                 |        | /        |   |                                       |
|--------------|-----------|-----------------------|---------------|------|--------------|-------------------------------------|-----------------------------------|---------|----------|--------|-------------|----------|-------------------|--------|----------|---|---------------------------------------|
| 7620         | $a \perp$ | $\vee$                | 1             | A (  | 9.5          |                                     |                                   | NO      |          |        |             | 9/ /     | $\mathcal{A}_{u}$ | ////   |          |   | i                                     |
| SAMPLER      | S (Sign   | eture)                |               |      |              |                                     |                                   | OF      |          | /      | /××/        |          | 27/               |        |          |   | Ļ                                     |
| 1            | $\sim$    | $\mathcal{Q}_{\perp}$ | ح             | 2    | <u>sen</u>   | ىو                                  |                                   | CON     |          | 1      | <b>*</b> /5 | 7        | 7                 | /5//   |          | REMARKS                                 |                                       |
| STA NO       | DATE      | TIME                  | COMP          | GRAB |              | STATIO                              | N LOCATION                        | TAINERS | 1/ \     |        | )<br>[]-    |          | y                 |        |          |   | D                                     |
| 1844<br>P513 | 430/48    |                       |               | /    | #1           | 344                                 |                                   |         | ~        |        | 30,0        |          |                   |        | emo      | Ruiz                                    |                                       |
|              |           | ļ                     |               |      |              |                                     |                                   |         | ļ        |        |             |          |                   |        |          | <u></u> -                               |                                       |
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|              |           |                       | <u> </u>      |      |              | · · · · · · · · · · · · · · · · · · |                                   |         |          |        |             |          |                   |        |          |   |                                       |
|              |           |                       |               |      |              |                                     |                                   |         | <u> </u> |        |             |          |                   |        |          | · · · · · · · · · · · · · · · · · · ·   | £ 1                                   |
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| Relinquis    | 9         |                       | <del>~~</del> |      |              | /Time                               | Received for Laborato (Signature) | ry by   |          | Dat    | e / Tu      | me       | Re                | emarks |          | · • · · · · · · · · · · · · · · · · · · |                                       |
| Shipped b    | у         |                       |               |      |              | ·                                   | Airbill Number                    |         |          |        |             |          |                   |        |          |   | ì                                     |
|              |           | Dist                  | tributi       |      |              |                                     | hipment Pink to Coordin           |         | les      |        |             |          | L                 |        |          |   |                                       |

EPA 7500-53 (11/96)

Green to Report Yellow Returns with Warrant

6330 E 75th St , Suite 152 Indianapolis, IN 46250

Phone (317) 570-5892

Fax (317) 570-589 EMSI

Attn Michael DuCaye

Ecology & Environment

11550 New Castle Avenue
Suite 250

Baton Rouge, LA 70816

Monday, May 11, 1998

Ref Number IN981425

**REC'D OCT 2 1 1998** 

## PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #4, 8/94

### Project F6209 - WARP

| Sample   | Location | Sample Date | Volume<br>(luters) | Fibers | Fields | L O D<br>fib/cc | fibers/<br>mm² | fibers/cc           |
|----------|----------|-------------|--------------------|--------|--------|-----------------|----------------|---------------------|
| 1810P514 |          | 5/6/98      | 808 00             | 20     | 100    | 0 003           | 2 55           | <lod< th=""></lod<> |

Jane Wasilewski

Analyst

Approved Signatory

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Analysis performed by EMSL Indianapolis (NVLAP Air and Bulk #200188 0 )



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|               |        |              |             |              |              |                                       |  | 0, 000           |                |           |              |              | _                 |          |             |        |             |  |             |                |
|---------------|--------|--------------|-------------|--------------|--------------|---------------------------------------|--|------------------|----------------|-----------|--------------|--------------|-------------------|----------|-------------|--------|-------------|--|-------------|----------------|
| PROJ 1        | 10     | PROJEC       | TNA         | ME           |              |                                       |  |                  | }              |           | /            | u            | / /               |          | //          | / /    |             |  |             |                |
| 7620          | 9      | \            | 2           | Δ            | RF           | )                                     |  | NO               |                |           | /,           | <i>S</i> 7.  | W/                |          | //          |        |             |  |             | اد             |
| SAMPLER       |        |              |             | • • •        | <u> </u>     |                                       |  | OF               |                | ,         |              | g =\$        | u/<br>5//         | ' /      |             |        |             |  |             | , i            |
| 1             | $\sim$ | 1            | (           | <b>~</b> 0   | ر بر         | ) .                                   |  |                  |                |           | 7,7          | ή.           | $\langle \rangle$ | / .      |             |        |             | REMARKS                                | :           | 1              |
|               |        |              | Γ           | _            |              |                                       |  | L CON<br>TAINERS |                | / ç       | 7,9          |              | / /               |          |             |        |             | nemann,                                | ,           |                |
| STA NO        | DATE   | TIME         | COMP        | GRAB         |              | STATIO                                | N LOCATION   | , AMEN           | /              | 4         | 2            | 7            |                   |          | /           |        |             |  |             | * ,            |
| 1810<br>PS14  | 5/6/98 |              |             | <b>V</b>     | #18          | 10                                    |  |                  | 211            | 808       |              |              |                   |          | JUAI        | N      | ALF         | 0N30                                   |             | 77             |
|               |        |              |             |              |              |                                       |  |                  |                | }         |              |              |                   |          |             |        |             |  |             |                |
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|               |        | <del> </del> | ļ<br>[      |              |              |                                       |  |                  |                | <b>∤-</b> | -            |              |                   |          |             |        |             |  |             |                |
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|               |        |              |             |              |              |                                       |  |                  |                |           |              |              |                   |          |             |        |             |  |             |                |
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| Relinquish    | ed by  | (Signature   | )<br>/      | Т            | Date         | /Time                                 | Received by (Signature   | .)<br>/          | Rel            | inquis    | l<br>hed b   | y <i>(Si</i> | gnáture)          | ,        |             | Date / | / Time ,    | Received by                            | (Signature) |                |
| $\sqrt{\chi}$ | Jul (  | an           | ٩           | . 6          | sloshe       | 0700                                  | Jory T. Thron  | ٠                | 1              |           |              |              |                   |          |             |        |             |  |             | 1              |
| Relinquish    | ned by | (Signature   | )           |              | Date         | /Time                                 | Received by Signature  | 5/8/98<br>5/30m  | Rel            | inquis    | hed b        | y (Sı        | gnature)          | )        |             | Date   | / Time      | Received by                            | (Signature) |                |
| Relinquish    | ed by  | (Signature   | ,           |              | Date         | /Time                                 | Received for Laborato (Signature)  | ryby             | T              | Dat       | r/Ti         | me           | Re                | marks    | <u> </u>    |        |             |  |             |                |
| Shipped by    | y      | <del></del>  | <del></del> |              |              | <b></b>                               | Airbill Number   |                  |                |           | - J          |              |                   |          |             |        |             |  |             | Ī              |
| <del></del>   |        | Dist         | ributi      |              |              | -                                     | hipment Pink to Coordin  | nator Field Fi   | les            |           |              |              |                   |          |             |        |             |  |             |                |

EPA 7500-53

Green to Report Yellow Returns with Warrant

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn Michael DuCaye

Ecology & Environment

11550 New Castle Avenue
Suite 250

Baton Rouge LA 70816

Wednesday, May 13, 1998

Ref Number IN981471

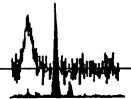
# PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #4, 8/94

### Project F6209 WARP

| Sample    | Location | Sample Date | Volume<br>(liters) | Fibers | Fields | L O D<br>fib/cc | fibers/<br>mm² | fibers/cc           |
|-----------|----------|-------------|--------------------|--------|--------|-----------------|----------------|---------------------|
| 1874 P515 |          | 5/8/98      | 718 00             | 3 0    | 100    | 0 0038          | 3 82           | <lod< td=""></lod<> |
|           |          |             |                    |        |        |                 |                | 1                   |

Jane Wasilewski Analyst

Approved Signatory



LOD = Limit of Detection The method assumes the lowest detection concentration is 7 fibers/mm2 and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non-reliable. The laboratory is only responsible for fibers counted in fibers/mm² and not in fibers/cc which is dependent on volume collected by non laboratory personnel. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0)

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ENVIRONMETRAL FROM CHOREACTUCE

## OFFICIAL CHAIN OF CUSTODY RECORD

| PROJ         | VO P             | ROJEC        | TNA            | ME       |       |              |                               |            |      |       |          |         |              |       | ///  | /                                     |                  |  |          |
|--------------|------------------|--------------|----------------|----------|-------|--------------|-------------------------------|------------|------|-------|----------|---------|--------------|-------|------|---------------------------------------|------------------|--|----------|
| 7620         | 9                |              | 7              | A        | RP.   |              |                               | NO NO      |      |       |          |         |              | /     | ///  |                                       |                  | 1 †  | ,        |
| SAMPLER      | <u>\</u>         | ture)        | \.             | $\sim$   |       | 0            |                               | OF         |      |       |          | 3       | <i>\$</i> // |       |      |                                       | D5444 DV0        | 1  | 445      |
|              | \ \ \ \          | <u>, (</u>   |                |          | an    |              |                               | CON        | ,    | Ì     | 70       | 1Q/     | /            | / /   | / /  |                                       | REMARKS          |  | Ykynodia |
| STA NO       | DATE             | TIME         | COMP           | GRAB     | /     | STATIO       | N LOCATION                    |            |      | 4     |          |         |              |       |      |                                       |                  | )<br>[                                     | g        |
| 1874<br>PS15 | 4848             |              |                | /        | #1    | 87           | 4                             |            | 204  | 418   | <b>✓</b> |         |              |       | JUAN | AL                                    | FONSO            |  | 1        |
|              |                  | <del>,</del> | -              |          |       | <del></del>  |                               |            |      | -     |          |         |              |       |      |                                       |                  |  |          |
|              |                  | ***          |                |          |       |              |                               |            |      |       |          |         |              |       |      | <del></del>                           | 1                | 1 1 2 200                                  |          |
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| :<br>        |                  |              |                |          |       |              |                               |            |      | -     |          |         |              |       |      |                                       |                  | <u> </u>                                   |          |
| <del></del>  |                  |              |                | -        |       | <del> </del> |                               |            |      | -     |          |         |              |       |      |                                       |                  | 1 ,  | -        |
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|              |                  |              |                |          |       |              |                               |            |      | ļ     |          |         |              |       |      |                                       |                  | *  | 1        |
|              | ļ                |              | -              | ļ        | ļ<br> |              |                               |            |      | +     |          |         |              |       |      |                                       | 1                | <u>                                   </u> |          |
| Relinquisl   | and by /         | Signature    |                | <u> </u> | Date  | /Time        | Received by (Signa            | atural     | Reli | naus  | hed h    | y (Sign | n à truc     |       | Date | / Time                                | Received by (Si  | oneswel                                    |          |
| Υ <b>Υ</b>   | )<br>)<br>)<br>( | a<br>        | "<br>~ ~ S     | 2 0      |       |              | 1.                            | <u></u>    |      |       |          |         |              |       |      |                                       | Trederica by 13, | 1 ,  | )<br>}   |
| Relinquis    | ned by (         | Signature    | , <del>Y</del> |          | Dete  | Time<br>1430 | Alegory Alegen                | S 130 a    | Reli | nquis | hed b    | y (Sign | nature       | ")    | Date | /Time                                 | Received by (S)  | gnature)                                   | X 1340 → |
| Relinquisi   | e by (           | Signatur     | "              |          |       | Time         | Received for Labo (Signature) | eratory by |      | Dat   | e / Tıı  | me      | R            | emarl | ks   | · · · · · · · · · · · · · · · · · · · | 1                | * f  | ;<br>;   |
| Shipped b    | у                |              |                |          |       |              | Airbill Number                |            |      |       | ·        |         |              |       | (    |                                       |                  |  | <u> </u> |
|              |                  | Dis          | tributi        | on W     |       |              | hipment Pink to Coo           |            | es   |       |          |         | L            |       |      |                                       |                  |  |          |

EPA 7500-53 (11/96)

Green to Report Yellow Returns with Warrant

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn Michael DuCaye Ecology & Environment 11550 New Castle Avenue Suite 250 Baton Rouge LA 70816

Tuesday, May 19, 1998

Ref Number IN981546

# PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #4, 8/94

### Project F6209 WARP

| Sample   | Location | Sample Date<br>– | Volume<br>(liters) | Fibers<br> | Fields     | L O D<br>fib/cc | fibers/<br>mm²<br>- | fibers/cc             |
|----------|----------|------------------|--------------------|------------|------------|-----------------|---------------------|-----------------------|
| 1177P516 |          | 5/13/98          | 446 00             | 30         | <b>100</b> | 0 0060          | 3 82                | · <lod< td=""></lod<> |
|          |          |                  |                    | !<br>      |            |                 | <br> -              | Į.                    |

Jane Wasilewski

Analyst

Approved Signatory



LOD = Limit of Detection The method assumes the lowest detection concentration is 7 fibers/mm2 and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non reliable. The laboratory is only responsible for fibers counted in fibers/mm and not in fibers/cc which is dependent on volume collected by non laboratory personnel.

Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0)

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| PROJ N       | 0        | PROJEC    | TNA           | ME                          |   |             |                              |                |      | -9      | /           | 1.1     | 7 /     | 7     | 7 / /                                 | 77          |             |                         |   |
|--------------|----------|-----------|---------------|-----------------------------|---|-------------|------------------------------|----------------|------|---------|-------------|---------|---------|-------|---------------------------------------|-------------|-------------|-------------------------|---|
| 7620         | <b>a</b> | \ <u></u> | 1_            | A.1                         | R.P                                     |             |                              | พด             |      |         | Q           |         |         |       |                                       |             |             |                         |   |
| SAMPLER      | S (Signi | sture)    | $\overline{}$ |                             |   |             |                              | OF.            |      |         | 4           | / W     |         | / /   | / / /                                 |             |             |                         |   |
|              | X        | $\sim$    | \             | $\mathcal{I}_{\mathcal{L}}$ |   | 2           | 1-e                          | CON            |      | /_3     | ≯,          | 7 y     | 1       |       |                                       |             |             | REMARKS                 |   |
|              |          |           | a             | 8                           |   |             | 7                            | TAINERS        | 1 /  |         | 0/          | 4       | 7 /     |       | / /                                   |             |             |                         |   |
| STA NO       | DATE     | TIME      | COMP          | GRAB                        |   | STATIC      | N LOCATION                   |                |      | <i></i> |             |         | _       | _     |                                       |             |             |                         |   |
| 1177<br>P516 | 5/13/98  |           |               |                             | #1                                      | 177         |                              |                | 203  | who     |             |         |         |       | GUIL                                  | LER         | $\sim$      | RUIZ                    |   |
|              |          |           |               |                             | - · · · · · · · · · · · · · · · · · · · |             |                              |                |      |         |             |         |         |       |                                       |             |             |                         |   |
|              |          |           |               |                             |   |             |                              |                |      |         |             | -       |         |       |                                       | ·           |             |                         |   |
|              |          |           | <b> </b>      |                             | <del></del>                             |             |                              |                |      |         |             |         |         |       |                                       |             |             |                         |   |
|              |          |           | ļ             |                             | <del></del>                             |             |                              |                |      |         |             |         |         |       |                                       | ·····       | ·           |                         |   |
|              |          |           |               |                             |   |             |                              |                | _    |         |             |         |         |       |                                       | <del></del> | <del></del> |                         |   |
|              |          |           |               |                             |   |             |                              |                |      |         | _           |         |         |       | <del></del>                           |             |             |                         |   |
|              |          |           | ļ             |                             |   |             |                              |                |      | _       | _           | -       |         |       |                                       |             |             |                         |   |
|              |          |           | ļ             |                             | · · · · · · · · · · · · · · · · · · ·   |             |                              |                |      | -       | -           | - ~ ~   |         |       |                                       |             |             |                         |   |
|              |          |           | <b></b>       |                             |   |             |                              |                |      |         | _           |         |         |       |                                       |             |             |                         |   |
|              |          | ļ         |               |                             |   |             |                              |                |      |         |             |         |         |       | · · · · · · · · · · · · · · · · · · · |             |             |                         |   |
|              |          | ļ         |               |                             |   |             |                              |                |      |         |             |         |         |       |                                       |             |             |                         |   |
|              |          |           |               |                             |   |             |                              |                |      |         |             | <br>  : | ļ       |       |                                       |             | <del></del> |                         |   |
|              |          |           | <u> </u>      |                             |   |             |                              |                |      |         |             | ļ       |         |       |                                       |             |             |                         |   |
|              |          |           | <u> </u>      |                             |   |             |                              |                |      |         |             |         |         |       |                                       |             |             |                         |   |
| Relinquish   | ed by 1  | Signature | ,             |                             | Date                                    | /Time       | Received by (Sig             | maturt) g   98 | Reli | nquist  | red b       | Y (""   | nutanp  | e)    |                                       | Date / To   | ıme         | Received by (Signature) |   |
| 0.5          | Dul      | âu        | 1 9           | 2 0                         | र्वामिश्व<br>इसिम्ह                     | 4700        | D- Steff                     | 830            |      |         |             |         |         |       |                                       |             |             |                         |   |
| Relinquish   | ed by /  | Signature | ,             |                             | Date                                    | /Time       | Received by (Sig.            |                | Reli | nguish  | ed by       | y (Sig  | gnature | ,)    | 1                                     | Date / T    | me          | Received by (Signature) |   |
|              |          |           |               |                             |   |             |                              |                |      |         |             |         |         |       |                                       |             |             |                         | 1 |
| Relinquish   | ed by /  | Signature | ,             |                             | Date                                    | /Time       | Received for Lab (Signature) | oratory by     |      | Date    | • / Ē#<br>  | me      | R       | emarl | - <u></u>                             | <u>.</u>    |             |                         |   |
| d by         | ,        | ·         |               |                             |   | <del></del> | Airbill Number               |                |      |         | <del></del> |         |         |       |                                       |             |             |                         |   |
| 5            |          | Dist      | ributi        |                             |   |             | Shipment Pink to Co          |                | Ins  |         |             |         |         |       |                                       |             |             |                         |   |

EPA 7500-53

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn Michael DuCaye

Ecology & Environment
11550 New Castle Avenue
Suite 250
Baton Rouge LA 70816

Wednesday May 20, 1998

Ref Number IN981591

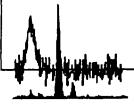
# PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #4, 8/94

#### Project F68209 WARP

| Sample   | Location | Sample Date | Volume<br>(liters) | Fibers F | L O l<br>uelds fib/c | •      | fibers/cc           |
|----------|----------|-------------|--------------------|----------|----------------------|--------|---------------------|
| 1988P517 |          | 5/15/98     | 752 00             | 30       | 100 0 003            | 36 382 | <lod< td=""></lod<> |

Jane Wasilewski Analyst

Approved Signatory



LOD = Limit of Detection The method assumes the lowest detection concentration is 7 fibers/mm2 and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non reliable. The laboratory is only responsible for fibers counted in fibers/mm. and not in fibers/cc which is dependent on volume collected by non laboratory personnel. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188.0)

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| PROJ 1     | VO F      | ROJEC            | TNA      | ME    |               |      |                                       |              |                |          |        | /      | كعار              | 7        | 7 /   |          | 7 /    | ,  |                        | ,      |
|------------|-----------|------------------|----------|-------|---------------|------|---------------------------------------|--------------|----------------|----------|--------|--------|-------------------|----------|-------|----------|--------|--|------------------------|--------|
| 7680       | 9         | \                | 2        | A     | R.P           |      |                                       |              | NO             |          |        | 10     |                   |          |       | //       |        |  |                        | 1      |
| SAMPLER    | S (Signa  | ture)            |          |       |               |      |                                       |              | OF             |          | /      | 5      | <b>'</b> \$       | \<br>.\/ | / /   | ///      | /      |  |                        |        |
|            | V         | $\sim$           |          | کر    | <u>(a</u>     | - A  |                                       |              | CON            |          | 1      |        | $\mathcal{I}_{c}$ | \$       |       | //       |        |  | REMARKS                | ,      |
|            |           | - <del>) )</del> | 1        |       |               | 1    | `                                     |              | TAINERS        |          | //     | 9      | 27                | /        | / /   |          |        |  |                        | ,      |
| STA NO     | DATE      | TIME             | COMP     | GRAB  |               |      | N LOCATION                            |              |                |          |        | Z      |                   |          |       |          |        |  |                        | 1      |
| 1388       | ન્નાલ્198 |                  |          |       | #             | 198  | 8                                     |              |                | B        | 459    |        |                   |          |       | DA       | יאמ    | <u> </u>   | NINSTON                | ,      |
|            |           |                  |          |       |               |      |                                       |              |                |          |        |        |                   |          |       |          |        | <del>/                                    </del> |                        |        |
|            |           |                  |          |       |               |      |                                       |              |                |          |        |        |                   |          |       |          |        |  |                        | ì      |
|            |           |                  |          |       |               |      |                                       |              |                |          |        |        |                   |          |       |          |        |  |                        |        |
|            |           |                  |          |       |               |      |                                       |              |                |          |        |        |                   |          |       |          |        |  |                        |        |
|            |           |                  |          |       |               |      |                                       |              |                |          |        |        |                   |          |       |          |        |  |                        | ł<br>1 |
|            |           |                  |          |       |               | _    | · · · · · · · · · · · · · · · · · · · |              |                |          |        |        |                   |          |       |          |        |  |                        |        |
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|            |           |                  |          |       |               |      |                                       |              |                |          |        |        |                   |          |       |          |        |  |                        | -      |
|            |           |                  |          |       |               |      |                                       |              |                |          |        |        |                   |          |       |          |        |  |                        | 7      |
|            |           |                  |          |       |               |      |                                       |              |                |          |        |        |                   |          |       |          |        |  |                        | į      |
|            |           |                  |          |       |               |      |                                       |              |                |          |        |        |                   |          |       |          |        |  |                        | 1      |
|            |           |                  |          |       |               |      |                                       |              |                |          |        |        |                   |          |       |          |        |  |                        |        |
|            |           |                  |          |       |               |      |                                       |              |                |          |        |        |                   |          |       |          |        |  |                        | :      |
|            |           |                  |          |       |               |      |                                       |              | 100            |          |        |        |                   |          |       |          |        |  |                        |        |
| Relinquist | ed by /   | Signature        | )        | Т     | Date          | Time | Received by                           | / (Signature | 419/10         | Reli     | nquish | ned by | / (Sig            | nátur    | e)    |          | Date / | Time   | Received by (Signature | ,      |
| TW         |           |                  | 0        |       | sliche        |      |                                       | lett 3       | 900            | 1        |        |        |                   |          |       |          | }      |  |                        |        |
| Relinquish | ed by (   | Signatur         | <u> </u> | _   _ | SIG98<br>Date | Time | Received by                           | (Signature)  | 1 1 2 -        | Reli     | nquish | ned by | (Sig              | nature   | 9)    | _        | Date / | Time   | Received by (Signature | ,      |
| _          |           |                  |          |       |               |      |                                       |              |                |          |        |        |                   |          |       |          |        |  |                        | <br>   |
| Relinquish | ed by /   | Signature        | •)       |       | Date          | Time | Received fo                           | r Laboratoi  | у by           | <u>'</u> | Date   | e /Tır | ne                | R        | emark | <u>.</u> |        |  |                        |        |
| Shipped by | у         |                  |          | l     |               |      | Airbill Numl                          | per          |                |          |        |        |                   |          |       |          |        |  |                        | 1      |
|            |           | Dist             | ributi   |       |               |      | hipment Pink                          |              | ator Field Fil | ns,      |        |        |                   |          |       |          |        |  |                        |        |

EPA 7500-53 (11/96)

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn Michael DuCaye

Ecology & Environment

11550 New Castle Avenue
Suite 250

Baton Rouge LA 70816

Tuesday, May 26, 1998

Ref Number IN981633

# PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #4, 8/94

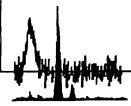
#### Project F68209 WARP

| Sample   | Location | Sample Date | Volume<br>(liters) | Fibers Fields | L O D<br>fib/cc | fibers/<br>mm² | fibers/cc |
|----------|----------|-------------|--------------------|---------------|-----------------|----------------|-----------|
| 1923P518 | - Ţ      | 5/20/98     | 1005 00            | 20 0 100      | 0 0027          | 25 48          | 0 010     |
|          |          |             |                    |               |                 |                | '         |

Jane Wasılewskı

**Analyst** 

Approved Signatory



LOD = Limit of Detection The method assumes the lowest detection concentration is 7 fibers/mm2 and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non reliable. The laboratory is only responsible for fibers counted in fibers/mm² and not in fibers/cc which is dependent on volume collected by non laboratory personnel. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0)

### → PCM Fiber Count - NIOSH Method 7400, Revision #4, 8/94

5/22/98

TAT 1 Day

Logged 11550 New Castle Avenue Date/Time Due 5/26/98 10 00 AM Address Suite 250 Baton Rouge LA 70816 **Special Handling Billing Number** (504) 291 4698 Phone (504) 363 - 4732 IN981633 Fax F68209 W A R P Project Sample Sample ID Location Date Fibers Fields Volume (L) Fibers/mm<sup>2</sup> = E Fibers/CC = C Overloaded 1005 1923P518 5/20/98 20 100

| 1_ | Lab Number | Sample ID | #<br>Fibers | '#<br>Fields | Fibers/n | nm² | Analyst |  |
|----|------------|-----------|-------------|--------------|----------|-----|---------|--|
| QC |            |           |             |              |          | ·   |         |  |
| QC |            |           | i           |              |          |     |         |  |

Analyst

**Ecology & Environment** 

Client

LIMPORT OF THE P.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn Michael DuCaye

Ecology & Environment

11550 New Castle Avenue
Suite 250

Baton Rouge LA 70816

Thursday, May 28, 1998

Ref Number IN981685

# PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #4, 8/94

**REC'D JUN 0 1 1998** 

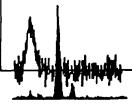
#### Project F68209 WARP

| Sample   | Location | Sample Date | Volume<br>(liters) | Fibers Fie | L O D<br>lds fib/cc | fibers/<br>mm² | fibers/cc |
|----------|----------|-------------|--------------------|------------|---------------------|----------------|-----------|
| 1872P519 |          | 5/23/98     | 970 00             | 70 10      | 0 0 0028            | 8 92           | 0 004     |

Jane Wasılewskı

**Analyst** 

Approved Signatory



LOD = Limit of Detection The method assumes the lowest detection concentration is 7 fibers/mm2 and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non-reliable. The laboratory is only responsible for fibers counted in fibers/mm, and not in fibers/cc which is dependent on volume collected by non laboratory personnel. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188 0)

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| PROJ       | NO F          | ROJEC     | T NA          | ME   |           |                                       |                               |                                   |                |      |        |            | //           | / /      | 7           | 7           | 7 /         | ,           |             | ų           |             |
|------------|---------------|-----------|---------------|------|-----------|---------------------------------------|-------------------------------|-----------------------------------|----------------|------|--------|------------|--------------|----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 76826      | 59            | ,         | W             | . (  | 1.R 1     | Ρ,                                    |                               |                                   | NO             |      |        |            | # a          | 4        |             | //          |             |             |             | ,           |             |
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| EPA        | 7500-<br>796) |           | tributi       |      |           | •                                     | nipment Pink<br>w Returns wil |                                   | ator Field Fil | es   |        |            |              | L        | <del></del> |             | <del></del> | 6           | - 1027      | '2          | -           |

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn Gregory Day

Ecology & Environment

11550 New Castle Avenue
Suite 250

Baton Rouge LA 70816

Monday, June 01, 1998

Ref Number IN981713

## PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #4, 8/94

#### Project F68209 WARP

| Sample   | Location | Sample Date | Volume<br>(liters) | Fibers | Fields | L O D<br>fib/cc | fibers/<br>mm² | fibers/cc           |
|----------|----------|-------------|--------------------|--------|--------|-----------------|----------------|---------------------|
| 1927P520 |          | 5/26/98     | 830 00             | 2 0    | 100    | 0 0032          | 2 55           | <lod< th=""></lod<> |

Jane Wasilewski

**Analyst** 

Approved Signatory



LOD = Limit of Detection The method assumes the lowest detection concentration is 7 fibers/mm2 and is volume dependent. Samples below the LOD are non quantifiable and therefore are non reliable. The laboratory is only responsible for fibers counted in fibers/mm² and not in fibers/cc which is dependent on volume collected by non laboratory personnel. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0)

|                 |                           |            |  |               |  |             |                                       | 01 000         |                |              |              |  |              |                |              |   |             |             |                 |  | 14                |
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| Shipped b       | Ÿ                         | <u>~</u>   |  |               | <del></del>                                      | <del></del> | Airbill Number                        |                |                |              |              |  | 7            |                |              |   |             |             |                 |  | 1                 |
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EPA 7500-53

Green to Report Yellow Returns with Warrant

6330 E 75th St., Suite 152

Indianapolis, IN 46250

Phone (317) 570-5892

Fax (317) 570-5894

Attn Jody Shires **Ecology & Environment** 11550 New Castle Avenue Suite 250 Baton Rouge, LA 70816

Friday, June 05, 1998

Ref Number IN981799

### PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #4, 8/94

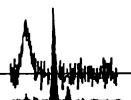
### Project F68209 - WARP

| Sample  | Location | Sample Date | Volume<br>(luters) | Fibers | Fields | L O D<br>fib/cc | fibers/<br>mm² | fibers/cc           |
|---------|----------|-------------|--------------------|--------|--------|-----------------|----------------|---------------------|
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Jane Wasilewski

Analyst

Approved Signatory



LOD = Limit of Detection The method assumes the lowest detection concentration is 7 fibers/mm² and is volume dependent. Samples below the LOD are non quantifiable and therefore are non reliable. The laboratory is not responsible for fibers counted in fibers/mm, or fibers/cc, which are dependent on volume collected by non laboratory personnel. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the samples reported above

Analysis performed by EMSL Indianapolis (NVLAP Air and Bulk #200188 0 )

|             |            |               |             |             |                |   |                                   |                |              |              |                                 |  |          |      |               |                                       |             |                          | . 3                                      |
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6330 E 75th St , Suite 152 Indianapolis, IN 46250

Phone (317) 570-5892

Fax (317) 570-589 EMS

Attn Michael DuCaye **Ecology & Environment** 11550 New Castle Avenue Suite 250 Baton Rouge, LA 70816

Wednesday, June 10, 1998

Ref Number IN981874

### PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #4, 8/94

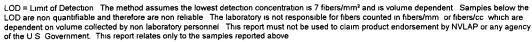
#### Project F68209 W A R P

| Sample   | Location | Sample Date | Volume<br>(luters) | Fibers | Fields | L.O D<br>fib/cc | fibers/<br>mm² | fibers/cc           |
|----------|----------|-------------|--------------------|--------|--------|-----------------|----------------|---------------------|
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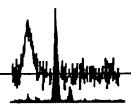
Jane Wasilewski

Analyst

Approved Signatory



Analysis performed by EMSL Indianapolis (NVLAP Air and Bulk #200188 0 )



WILLIAM CHAIN OF CUSTODY RECORD **PROJECT NAME** PROJ NO 768209 .... SAMPLERS (Signature) REMARKS DATE TIME STATION LOCATION STA NO 1848 46198 FAUSTO RUIZ #1848 Received by Isignaturely 98 Relinquished by (Signature) Date / Time Relinger heilby (Signature) Received by (Signature) Date / Time 06/08/180700 Date / Time Relinquished by (Signature) Date / Time Received by (Sig. r. Relings telly (Square) Received by (Signature) Do /Tirm Remarks Date / Time Relinquished by (Signature) Received for Laborata v by (Signature) Airbill Number Shipped by Distribution White Accompanies Shipment, Pink to Coordinator Fine and

EPA 7500-53 (11/96)

Green to Report Yellov/ Returns with Warraid

6330 E 75th St , Suite 152 Indianapolis, IN 46250

Phone (317) 570-5892

Fax (317) 570-589 EMS

, Attn Michael DuCaye **Ecology & Environment** 11550 New Castle Avenue Suite 250 Baton Rouge, LA 70816

**RECD** JUL 1 71998

Ref Number IN982271

Thursday, July 09, 1998

### PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #4, 8/94

#### Project f68209 WARP

| Sample   | Location | Sample Date | Volume<br>(luters) | Fibers | Fields | L O D<br>fib/cc | fibers/<br>mm² | fibers/cc           |
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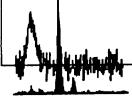
Jane Wasilewski

Analyst

**Approved** Signatory

LOD = Limit of Detection The method assumes the lowest detection concentration is 7 fibers/mm and is volume dependent. Samples below the LOD are non quantifiable and therefore are non reliable. The laboratory is not responsible for fibers counted in fibers/mm, or fibers/cc, which are dependent on volume collected by non laboratory personnel. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the samples reported above

Analysis performed by EMSL Indianapolis (NVLAP Air and Bulk #200188-0)



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EPA 7500-53 (11/96)

2501 Central Pkwy, C-13 Houston, TX 77092

Phone (713) 686-3635

Fax (713) 686-3645 EMS

Attn M Ducarpe **Ecology & Environment, Inc** 11550 Newcastle Ave #250 Baton Rouge LA 70816

REC'D AUG 0 3 1998

Monday, July 27, 1998

Ref Number TX983523

### PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #4, 8/94

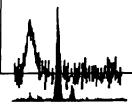
#### Project 768209-WARP

| Sample   | Location | Sample Date | Volume<br>(luters) | Fibers | Fields | LOD<br>fib/cc | fibers/<br>mm² | fibers/cc |
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Steven Duhon

**Analyst** 

**Approved** Signatory



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Analysis performed by EMSL Houston (NVLAP Air and Bulk #102106 Texas Dept. of Health #30-0159)

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| Relinquished by (Signature) Date / Time Received by (Signature)                             |      |      |      |      |    | re)   | Reli     | nquisl | hed by  | y (Sig         |        |                | Date / Time Received by (Signature)            |               |     |            |  |  |  |  |
| Relinquished by (Signature)  Date / Time   Received for Laborators (Signature)              |      |      |      |      |    |       | ory by   |        | Dat     | e /Tır         | me     | R              | emark  | ks            |     |            |  |  |  |  |
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| Distribution White Accompanies Shipment Pink to Coordinator Field Files                     |      |      |      |      |    |       |          |        |         |                | L      |                |  |               |     |            |  |  |  |  |

EPA 7500-53